

The Scotch Shorthorn



at home

SCOTTISH SHORTHORN BREEDERS ASSOCIATION HANDBOOK

U P P E R M I L L

—ATTESTED SCOTCH SHORTHORNS—



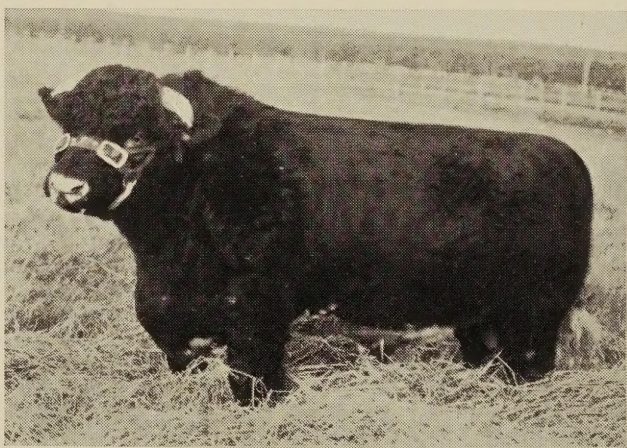
Calrossie Evening News
(375425)

Sire Calrossie Good News;
dam Calrossie Flossy Lucinda by Cruggleton Pacha

STOCK BULLS: Uppermill Metaphor (333383), Westdrums Prince Maurice (389472), Erimus Hansard (392495), Calrossie Evening News (375425)

Erimus Hansard
(392495)

Sire Calrossie Evening News;
dam Rothes Queen Celeste
by Kirkton Challenger



In 1954 — the herd won the championship and champion group at the Royal Highland Show at Dumfries, and the female and reserve champion, champion group and one of the pair that won the “Burke” Perpetual Challenge Trophy at the Royal Show at Windsor.

—The herd may be inspected at any time—

JAMES DURN O

(James Durno — Barbara Mary Durno)

Uppermill, Tarves, Aberdeenshire

Telephone Tarves 2

“GLAMIS”

a new name in

Scotch Shorthorns

But already on the map by winning All the Groups at Perth as well as the Supreme Championship and Reserve at Aberdeen and the Championship at Perth (March) Sale in 1955. These Bulls, eight in number, sold as follows:—5,500 gns.; 3,000 gns.; 2,300 gns.; 2,200 gns.; 1,700 gns.; 1,600 gns.; 500 gns. and 125 gns. All were sons of the now famous breeding sire

“CALROSSIE HIGHLAND MONARCH”

sire Calrossie Welcome, dam Calrossie Goldie Lass by Glastullich Fortress, gr. dam by Calrossie Randolph.

Twenty Foundation Females have been purchased from the World Famous CALROSSIE Herd of Messrs. J. & D. P. MacGillivray. Calrossie Welcome; Kirkton Baronet and Calrossie Randolph figure prominently in the pedigrees.

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Aberdeen-Angus Herd.

&

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ERIMUS SHORTHORNS

At Present at Bowley Court Farm, Bodenham, Hereford

It is anticipated that this herd will be moved to a farm adjoining The Vern, Marden, Hereford, later in the year



ERIMUS INTREPID : Junior Stock Bull in the Erimus Herd today.
By Kirkton Challenger (344277) Ex (338455) Rosebud Ballerina
by Ballathie Command (342593).

CRUGGLETON BALMORAL : Senior Stock Bull in the Erimus Herd
Already sire of many good animals including the 1954 Perth
female champion.

Top average of £1344 in 1949.

Top price of 6,000 guineas in 1951.

ERIMUS EMERITUS. ERIMUS FOKINE. ERIMUS GALLANT.
ERIMUS GHOST (Supreme Champion Royal Highland and Rase
Shows 1953 & Supreme Champion Royal Show 1954). **ERIMUS**
HANSARD and **ERIMUS HERO** are Stock Bulls in noted Scottish
Herds to-day.

YOUNG BULLS AND HEIFERS USUALLY FOR DISPOSAL
INSPECTION BY APPOINTMENT CORDIALLY INVITED

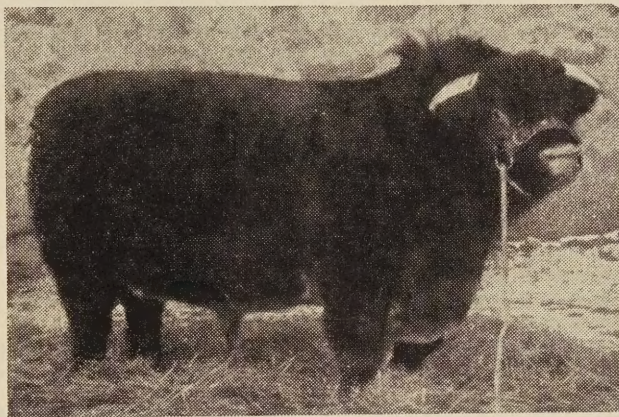
R. S. de Q. Quincey The Vern, Marden, Hereford
Tel.: Bodenham, Hereford 32

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Red. Sire, Bapton Battleship (316198); dam, Princess Esther, by Cruggleton Annexe.

GLASTULLICH MAPLE LEAF

Red roan. Sire, Calrossie Welcome (368471); dam, Glastullich Princess May, by Lawton President Roosevelt.

MUIRSIDE FIELD MARSHAL

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Station—Huntly

KAIR SHORTHORN HERD



KAIR CONQUEST

Red. Calved 17th February, 1954. Sire: Cruggleton Neville 387112. Dam: Kair Buttercup Bloom 401155 by Beaufort Bolido 361044. Sold for 3,800 gns. to Richardson Stock Farms, U.S.A.

At Perth in February 1955, eight bull calves averaged £1,067 9s 1d.

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DUNCRAHILL SHORTHORNS



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BEAUFORT BROADSTAIRS 381564. Sire: Cruggleton Pentland Firth 361513; Dam: Augusta Fancy 263050.

DUNCRAHILL ACHIEVEMENT 379043. Sire: Cruggleton Benthams 368720; Dam: Duncrahill Butterfly 4th 296554.



— D. J. CADZOW —
DUNCRAHILL - PENCAITLAND

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CRICHTON



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-

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Draft Sale of season's crop of bull and heifer calves held annually in October AT MILLHILLS in conjunction with Mr. W. D. Dron (Crieff-vechter) and Sir James Denby Roberts, Bt. (Strathallan)



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THE SCOTCH SHORTHORN AT HOME

*including a guide to the homes
of the breed*



COMET : The first 1,000 gns. bull.

Reproduced from an oil painting by Weaver, by A. C. Cooper Ltd. The original painting is now owned by the Department of Animal Genetics, Edinburgh University.

Published by

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— Contents —

	Page
Foreword - - - - -	9
Directory of Breeders - - - - -	10
Directory of Herds - - - - -	18
The Scotch Shorthorn—	
Introductory - - - - -	26
Historical - - - - -	27
Standards of Excellence - - - - -	30
Adaptability - - - - -	35
Weight for Age Superiority - - - - -	35
Crossing Value - - - - -	38
A Beef Maker Without Rival - - - - -	40
Milking Ability - - - - -	40

FOREWORD

THIS booklet is an enlarged, and, it is hoped, an improved edition of the Handbook originally published in 1952.

The first edition was the result of an attempt to provide in handy form an answer to the most frequent type of question regularly received from enthusiasts the world over. It was, in fact, a guide to the homes of this great breed.

The original aim of keeping the overseas visitor particularly in mind, has been adhered to in this edition, but, to satisfy ever-increasing interest on the part of agricultural students, members of Young Farmers' Clubs, and others, much general information regarding the breed has been included.

In acknowledging the co-operation of all concerned, especially those who have taken advertising space, it is emphasised that for various reasons not everyone responded to the appeal for herd information. The details provided are as accurate as they can be in the circumstances.

A map has been published separately for use in conjunction with the route instructions given in Handbook. Together they give a fairly accurate picture of the location of herds.

The book contains the full names and addresses of all members except those who may have joined since material went to printers; telephone numbers where available; herd prefixes; and other relevant details regarding the composition of individual herds.

It has been indicated whether or not herds are open for inspection.

In short, we have endeavoured to make this book one of general assistance and we hope that all who use it will note and suggest improvements which can be incorporated in future editions.

Directory of Members

This list is complete except for unavoidable omissions; e.g., the inclusion of new members enrolled in the interval between the list going to the printers and publication of the booklet.

Name.	Address.	Herd Name.
1 ADAM, R. M.	Newhouse of Glamis, Glamis, Angus. Tel.: Glamis 234 and Eassie 220.	Glamis.
2 AGAR, A.	Davison Farm, Egton, Egton Bridge, Yorkshire.	Davison.
3 ALBAN, W. A.	White Oaks Farm, Sarratt, Rickmansworth, Herts. Tel.: Kings Langley 3584.	Sarratt.
4 ALEXANDER, E. M.	Drumcliffe, Co. Sligo.	
5 ALEXANDER, Mrs. E. M.	Drumcliffe, Co. Sligo.	
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9 ANDERSON, G. J. C.	Kair, Fordoun, Kincardineshire. Tel.: Fordoun 206.	Kair.
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11 ANDERSON, JAS.	Percylieu, Clatt, Aberdeenshire.	
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13 ANDERSON, Mrs. W. A.	Ballyowan House, Drumbeg, Dunmurry, Belfast. Tel.: Drumbo 255.	Drumbeg.
14 ANDERSON, W. L.	Morphie, Montrose. Tel.: Hillside 233.	Morphie.
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28 BINNIE, T. R.	Brae of Boquhapple, Thornhill, Stirling. Tel.: Thornhill 247.	Boquhapple.
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44. CADZOW, R. A.	Inland Pasture, Scremerston, Berwick-on-Tweed. Tel.: Berwick 6072.	Duncrahill.
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138. INNES, J. C., & SONS.	Brawlandknowes, Huntly, Aberdeenshire. Tel.: Gartly 221 (office) and 223 (house); and Drumblade 248.	Muirside.
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144. JOHNSTON, J. HALCRO.	Orphir House, Orphir, Orkney. Tel.: Orphir 200.	Orphir.
145. JOHNSTON, P.	Hewan, Shapinsay, Orkney.	
146. JONES, T. LI.	Ystrad Farm, Carmarthen, S. Wales. Tel.: Carmarthen 7391.	Carstrad.
147. KERMAN, I.	Gay Wood, Edenbridge, Kent. Tel.: Crockham Hill 361 and 319.	Kybo.
148. KERR, J. E., C.B.E.	Harviestoun Castle, Dollar, Clackmannanshire. Tel.: Tillicoultry 276.	Harviestoun.
149. KING, JAS.	Clougher, Ballymena, Co. Antrim, Ireland.	Clougher.
150. KIRK, G. W.	Melrose House, Sutton Road, Thirsk, Yorkshire.	Felixkirk.
151. KNOX, T. H.	Mill Close, Bedale, Yorkshire.	Mill Close.
152. LAMOND, D.	Wreaths Farm, Glamis, Angus. Tel.: Glamis 264.	
153. LATHANGIE, ALEX. G.	Lindifferon, Ladybank, Fifeshire. Tel.:	
154. LAYBERRY, L. J.	Manager (Kybo Herd), Gaywood Lodge, Gaywood, Edenbridge, Kent. Tel.: Crockham Hill 319 and 361.	
155. LEGGAT, HUGH, Jr.	Fairnington Estate Ltd., Fairnington, Roxburgh. Tel.: Fairnington 3160 and Maxton 16.	Fairnington.
156. LINKLATER, F. G.	Burnside, Quholm, Stromness, Orkney.	Strathton.

Name.	Address.	Herd Name.
157. LINZEE, Commodore R.	6 Kensington Gate, London, W.8.	
158. LOCHDHU FARMING CO., per R. M. Mortimer.	Lochdhu, Nairn, Morayshire.	Lochdhu.
159. LOGAN, WM.	Tel.: Manager (Lanfine Herd), Lanfine Estate Office, Newmiln, Ayrshire. Tel.: Darvel 212.	
160. LOVAT, The Lord, D.S.O., M.C.	Beaufort Castle, Beauly, Inverness-shire. Tel.: Beauly 206. Lovat Estates Office, Beauly. Tel.: Beauly 205.	Beaufort.
161. LYTTLE, S. L. D.	Lagan Brae, Maze, Lisburn, Co. Antrim.	
162. MACKIE, JAS.	Dunnydeer Farms Ltd., 194 Market St., Aberdeen. Tel.: Aberdeen 8000; Farms—Insch 72.	
163. MAIN, E. E.	Hardiesmill Place, Gordon, Berwickshire. Tel.: Gordon 228.	Hardiesmill.
164. MAIN, JAS. A.	Viewfield, Pencaitland, East Lothian. Tel.: Pencaitland 250.	
165. MALCOLM, M.	Farm Manager, Park Farm, Alnwick, Northumberland.	
166. MARCHANT, A. W.	Guiton, Ash, Canterbury, Kent. Tel.: Ash 233.	
167. MARSHALL, Miss BEATRICE	Kirkton, Newtyle, Angus. Tel.: Kirkton 228.	Newtyle.
168. MARSHALL, Miss M.	Bridgebank, Stranraer.	Bridgebank.
169. MARSHALL, W. B.	Adstock Fields, Bletchley, Bucks.	
170. MARTIN, J. T.	Flowerdale, Kinrossie, Perthshire. Tel.: Kinrossie 205.	Flowerdale.
171. MATTHEWS, CECIL.	Victoria House, Southampton Row, London, W.C.1.	
172. MATTHEWS, F. NEVILL.	Victoria House, Southampton Row, London, W.C.1.	
173. MAUDE, H. A. C.	Belgard Castle, Clondalkin, Co. Dublin, Eire. Tel.:	Belgard.
174. MEIKLE, R. W.	Hardengreen, Eskbank, Midlothian. Tel.: Dalkeith 3147.	Hardengreen.
175. MELVILLE, H. W.	Balmullo House, Leuchars, Fifeshire. Tel.: Balmullo 218.	Balmullo.
176. MILLER, J. DRUMMOND.	Home Farm, Kelham, Newark, Notts. Tel.: Newark 720.	Trentholme.
177. MILNE, G. W.	Muirhead, Craigrothie, Cupar, Fife. Tel.: Ceres 213.	Muirhead.
178. MITCHELL, WM.	Lovat Estates Office, Beauly, Inverness-shire. Tel.: Beauly 205.	
179. MOORES, CECIL (Bapton Shorthorn Herd).	Mayfield, Formby, Liverpool.	Bapton.
180. MORALEE, F. W.	Hilton, Duns, Berwickshire. Tel.: Whitsome 206.	Whitsome.
181. MORLEY, C.	Ingo Farm, Yedingham, Malton, Yorks. Tel.:	Yedham.
182. MORRIS, J. W.	Balquharren, Bankfoot, Perthshire. Tel.: Bankfoot 225.	Balquharren.
183. MORRISON, A.	9 Royfield Crescent, Aberdeen. Tel.: Aberdeen 36352.	
184. MOUBRAY, Major R.	Broomlands, Kelso, Roxburghshire. Tel.: Kelso 113.	Naemoor.
185. MUIR, W. J. ANGUS.	Farm: Todrig, Greenlaw, Berwickshire. Tofts, Sanday, Orkney.	
186. McCALLUM, GORDON.	Belmaduthy, Munloch, Ross-shire. Tel.: Munloch 206.	Belmaduthy.
187. McGOWAN, JAS.	Bridge of Frew, Kippen, by Stirling.	Frew.
188. McGOWAN, J. P.	Arnieve, Blair Drummond, Stirling.	Frew.
189. McDIARMID, FINLAY.	Locherlour, Crieff, Perthshire. Tel.: Crieff 369.	Locherlour.
190. MacGILLIVRAY, D. P.	Calrossie Mains, Nigg, Ross-shire. Tel.: Nigg Station 207.	Calrossie.
191. MacGILLIVRAY, F.	Greenhead, Pencaitland, East Lothian. Tel.: Pencaitland 242.	Aldie.
192. MacGILLIVRAY, Miss JEAN.	Phopachy, Bunchrew, Inverness. Tel.: Inverness 1027.	Phopachy.
193. MacGILLIVRAY, Capt. JOHN, O.B.E.	Calrossie House, Nigg, Ross-shire. Tel.: Nigg Station 203.	Calrossie.
194. MacGILLIVRAY, W. J.	Glastullich, Nigg, Ross-shire. Tel.: Nigg Station 212.	Glastullich.
195. McGLASHAN, DONALD.	Millhills Estate Office, Crieff, Perthshire. Tel.: Crieff 499.	
196. McGOWAN, JAS.	Kirkforthar, Markinch, Fifeshire. Tel.: Glenrothes 330.	Kirkforthar.

Name.	Address.	Herd Name.
197. McGOWAN, W.	Fingask, Dairsie, Cupar, Fifeshire. Tel.: Cupar 2246.	Fingask.
198. MacKENZIE, DONALD U.	Resolis Mains, Balblair, Conon Bridge, Ross-shire. Tel.: Poyntzfield 228.	Resolis.
199. McKENZIE, JOHN.	Balnain, Conon Bridge, Ross-shire. Tel.: Conon Bridge 252.	Balnain.
200. McKENZIE, R. G.	Kildun, Dingwall, Ross-shire.	Kildun.
201. McLAREN, J. T.	Estate Office, Alloa Park, Alloa. Tel.: Alloa 44.	
202. MacLEAN, DONALD C.	Anglo-Scottish Cattle Co., 3 Red Place, Green Street, London. Tel.: Mayfair 1844.	
203. MACLEAN, Capt. R.	Dryn timer, North Kessock, Inverness. Tel.: Kessock 216 and Munloch 207.	Dryn timer.
204. MACLEOD, H. D. C.	The Beary, St. Johns, Isle of Man.	Holdfast.
205. McLEOD, KENNETH.	Balnabeen, Conon Bridge, Ross-shire.	
206. MACPHERSON, C.	Old Echt, Echt, Aberdeenshire. Tel.: Echt 206.	Echt.
207. MACPHERSON, Miss M. J. G.	Old Echt, Echt, Aberdeenshire. Tel.: Echt 206.	Echt.
208. McWILLIAM, W. D.	Drummondreach, Conon Bridge, Ross-shire. Tel.: Culbokie 210.	Drummondreach.
209. NELSON, Miss I. M.	Cluseburn, Inverbervie, Kincardineshire. Tel.: Inverbervie 395.	Cluseburn.
210. NICKSON, HUGH.	The Hotel, Whitewell, near Clitheroe, Lancs.	
211. NORMAN, W. R.	Messrs. Boots the Chemists, Station Street, Nottingham. Tel.: Nottingham 45501.	
212. His Grace THE DUKE OF NORTHUMBERLAND.	Alnwick Castle, Alnwick, Northumberland.	Alnwick.
213. PANKHURST, Mrs. G. L. M.	Shirgarton Farming Co., Kippen, Stirlingshire. Tel.: Kippen 272.	Shirgarton.
214. PATERSON, J. J.	Terrona, Langholm, Dumfriesshire. Tel.: Langholm 22.	Terrona.
215. PATERSON, J. JOHN.	Terrona, Langholm, Dumfriesshire. Tel.: Langholm 22.	Terrona.
216. PATERSON, NORMAN A.	Kilpatrick, by Girvan, Ayrshire. Tel.: Pinwherry 208.	
217. PENCAITLAND & WINTON ESTATES, per D. J. W. Ogilvy.	Winton Hill, Pencaitland, East Lothian. Tel.: Pencaitland 232.	Wintonhill.
218. PERRY, W. D.	Killane, Ahoghill, Co. Antrim. Tel.: Ahoghill 263.	Killane.
219. PETRIE, Mrs. J. A. W.	Ballathie, Stanley, Perthshire.	
220. PIRIE, JOHN.	Boquhan Home Farm, Kippen, Stirlingshire. Tel.: Kippen 207.	Boquhan.
221. PITCAITHLY, G. W.	West Dron, Bridge of Earn, Perthshire. Tel.: Bridge of Earn 229.	Dron.
222. PORTER, A. D.	Nethercarse, by Kippen, Stirlingshire.	Kiltane.
223. PORTER, WM.	Nethercarse, by Kippen, Stirlingshire.	Kiltane.
224. RANKIN, G. (manager, Boots Pure Drug Co.)	Westdrums Farm, by Brechin, Angus. Tel.: Brechin 316.	Westdrums.
225. RATHDONNELL, Rt. Hon. Lord, M.C.	Lisnavagh, Rathvilly, Co. Carlow, Eire.	Lisnavagh.
226. REID, J. N.	Hillhead of Fechil House, Ellon, Aberdeenshire. Tel.: Ellon 225.	Cromleybank.
227. RICHARDSON, R. H. STEPHENS.	Drumlyn, Moyallon, Portadown, N. Ireland. Tel.: Gilford 31.	Moyallon.
228. ROBERTS, Sir Jas. DENBY, Bt.	Strathallan Castle, Auchterarder, Perthshire. Tel.: Auchterarder 29.	Strathallan.
229. ROBERTSON, A. D.	East Baldrige, Dunfermline. Tel.: Dunfermline 418.	Scotston.
230. ROBERTSON, W.	Stamford, Alnwick, Northumberland.	Gallowmoor.
231. ROBERTSON, Major W. B.	Colton, Dunfermline. Tel.: Dunfermline 82.	Scotston.
232. ROBSON, JOHN.	St. Elmo, Alnmouth, Northumberland.	
233. ROGER, R. G.	Cassindonald, St. Andrews.	
234. ROTHERWICK, Rt. Hon. Lord.	Lanfine, Newmilns, Ayrshire. (Estate Office—Tel.: Darvel 212).	Lanfine.
235. RUTHERFORD, Major G. C.	Proncy, Dornoch.	
236. RUTHERFORD, Capt. G. G.	Baldowrie, Coupar Angus, Perthshire. Tel.: Newtyle 279.	Baldowrie.
237. RUTHERFORD, Mrs. G. G.	Baldowrie, Coupar Angus, Perthshire. Tel.: Newtyle 279.	

Name.	Address.	Herd Name.
238. RYCROFT, F.	Stugdale Farm, Flaxton, Yorks.	
239. SABISTON, J. G.	Lenahowe, Sandwick, Orkney.	Thorfinn.
240. SALVESEN, Dr. C. G. A.	Glassel House, Glassel, Aberdeenshire. Tel.: Banchory 151.	Glassel.
241. SCHOFIELD, JAS.	Crossways, Appleby, Westmorland. Tel.: Appleby 3201.	
242. SCOTTISH AUSTRALIAN CO., LTD., per J. Norman Eggar.	Winchester House, Old Broad Street, London, E.C.2.	
243. SCOTTISH CO-OP. WHOLESALE SOC., per Robt. McBride, Esq.	Petty Farms, Fyvie, Aberdeenshire. Tel.: Fyvie 218.	Petty.
244. SEMPLE, J. R. M.	Ballochgair Farm, by Campbeltown, Argyll. Tel.: Campbeltown 2422.	
245. SHELDON, T. H.	Manor Farm, Cotham, Newark, Notts. Tel.: Newark 312.	Cothamfarm.
246. SHEPHERD, R. L.	Bagworth Park, near Leicester.	
247. SHIELL, G. D.	Rennieston, Jedburgh. Tel.: Jedburgh 2204.	Renniestoun.
248. SHIRGARTON FARMING CO.	Kippen, Stirlingshire. Tel.: Kippen 274.	Shirgarton.
249. SLEIGH, J. L.	Newseat of Tolquhon, Tarves, Aberdeenshire. Tel.: Tarves 3.	Tolquhon.
250. SLOAN, G.	New Horndean, Norham-on-Tweed, Northumberland. Tel.: Norham 207.	Horndead.
251. SMITH, Dr. A. D. BUCHANAN.	Cockburn, Balerno.	
252. SMITH, G. C.	41 Grange Road, Edinburgh.	
253. SMITH, JOHN A.	Markethill, Watten, Caithness.	
254. SMITH, R. LAIDLAW.	Pittodrie, Pitcaple, Aberdeenshire. Tel.: Pitcaple 217.	Pittodrie.
255. SMITH, HEW McCALL.	The Hosh, Crieff, Perthshire. Tel.: Crieff 243.	Connachan.
256. SNADDEN, W. McNAIR, M.P.	The Coldoch, Blair Coldoch, Drummond, Stirling. Tel.: Thornhill 231.	Coldoch.
257. SPENCER-NAIRN, Sir ROBERT, Bt.	Leslie House, Leslie, Rankeillour, Cupar, Fifeshire. Tel.: Kirkcaldy 2011.	Rankeillour.
258. STAMP, A. M. (E. J. Stamp, Ltd.)	The Lindens, Riby, Grimsby.	Roxton.
259. STEPHEN, W.	Balquhindachy, Turriff, Aberdeenshire. (correspondence—6 Manse Terrace, Turriff.)	Balquhindachy.
260. STEPHEN, JAS.	Little Blackton, Alvah, Banff. Tel.: Eden 60.	Blackton.
261. STEVENSON, J. A. L.	Manager (Ballathie Herd), Ballathie, Stanley, Perthshire. Tel.: Meikleour 214.	
262. STEWART, D. M., O.B.E.	Millhills, Crieff, Perthshire. Tel.: Crieff 34 and 499.	Millhills.
263. STOBO, A. H.	Fishwick, Berwick-on-Tweed.	
264. STOBO, J.	Fishwick, Berwick-on-Tweed.	
265. STEWART, IAN.	Millhills Estate Office, Crieff, Perthshire. Tel.: Crieff 499.	Millhills.
267. SWANN, J. R.	Whinney Hill House, Choppington, Northumberland. Tel.: Bedlington 3224.	Whinneyhill.
268. TAIT, J. S.	Balmyre Farm, Errol, Perthshire. Tel.: Rait 226.	Balmyre.
269. TAYLOR, A. W.	Philorth, Fraserburgh, Aberdeenshire. Tel.: Fraserburgh 166.	Philorth.
270. TERNENT, J.	White House Folly, Alnwick, Northumberland.	
271. TODD, T. W.	Manor Hill, Kelso, Roxburghshire. Tel.: Smailholm 317.	
272. TUFFNELL, Lt.-Com. R. L.	The Manor House, Calmsden, Cirencester. Tel.: North Cerney 247.	
273. TURTON, Major R. H.	Upsall Castle, Thirsk, Yorkshire. Tel.: Upsall 202.	Upsall.
274. WALKER, A. L.	Meckphin, Methven, Perthshire. Tel.: Methven 258.	Meckphin.
275. WALKER, IAN B.	Craigeassie, by Forfar, Angus. Tel.: Foreside 49.	Craigeassie.
276. WALKER, K. W.	Leys Castle, Inverness-shire. Tel.: Inverness 394.	
277. WALLACE, A. D.	Manager (Marden Herd), Estate Office, Orford, Woodbridge, Suffolk. Tel.: Orford 247.	
278. WALLACE, D. M.	Anticur, Dunloy, Co. Antrim.	Anticur.
279. WALTER, R. A. (Trs. of the late R. Wylie Hill)	Westwood, Balthayock, Perth. Tel.: Glencarse 203.	Balthayock.

Name.	Address.	Herd Name.
280. WARD, J. S. E.	Elm Tree Farm, Settrington, Malton, Yorks. Tel.: Malton 418.	Grimston.
281. WATHERSTON, R. H.	Crichton Mains, Ford, Midlothian. Tel.: Ford 308.	Crichton.
282. WATKIN, Mrs. W. A.	Wilmington, Chirbury, Montgomeryshire. Tel.: Chirbury 9.	Wilmington.
283. WEBSTER, RICHARD M.	Little Scatwell, Strathpeffer, Ross-shire. Tel.: Scatwell 203.	
284. WILLIAMS, G. S.	Nant-hen-foel, Lampeter, Cardiganshire. Tel.: Aeron 44.	
285. WILLIAMS, S.	Messrs. Boots the Chemist, Station St., Nottingham. Tel.: Nottingham 45501.	
286. WILLIAMS, T. W.	West Orielton, Hundleton, Pembroke.	
287. WILSON, DOUGLAS.	Mains of Corsindae, Sauchen, Aberdeenshire. Tel.: Sauchen 228.	Corsindae.
288. WILSON, J.	Landberrick, Whauphill, Newton Stewart, Wigtownshire. Tel.: Port William 278.	
289. WOOLLAM, J. S.	Messrs. Boots the Chemist, Station St., Nottingham. Tel.: Nottingham 45501.	
290. WORK, J. & A.	Queenamoan, Sandwick, Orkney.	Queenamoan.
291. WRIGHT, E. E.	The Parsonage, Mageney, Co. Kildare, Eire.	Kilkea.
292. WRIGHT, J. F.	Prumplestown House, Castledermot, Co. Kildare, Eire. Tel.: Castledermot 5.	Prumplestown.
293. WRIGHT, R. K.	Kilkea, Mageney, Co. Kildare, Eire. Tel.: Mageney 10.	Kilkea.
294. YOUNG, D.	The Cairn, Northmuir, Kirriemuir, Angus. Tel.: Kirriemuir 102 and 67.	Cairndene.
295. YOUNG, F. J.	Congeith, Castle Douglas, Kirkcudbrightshire. Tel.: Kirkcudbright 34.	
296. YOUNG, W.	Mawcarse, Milnathort, Perthshire.	
297. ZAWADSKI, T.	Bu' Orphir, Orkney.	Buphir.
298. SPARK, JOHN A.	Wardhead, Keith-hall, Inverurie, Aberdeenshire.	

ORCHARD SHORTHORNS

THE ORCHARD HERD OF ATTESTED SHORTHORNS was founded on females of the Broadhooks family from the owner's father, William Finlayson, Throsk, in 1910. It is composed of females of the Broadhooks, Rosebud, Rosewood, Crocus, Clipper, Golden Drop Augusta, Buttercup and Princess Royal families.

Females are generally for sale.

STOCK BULLS

Kirkton Grandee (375456)

Red. Sire, Kirkton Baronet (335904);
Dam, (250961) Rothes Queen Juliet by
Calrossie Endeavour (297338).

Glastullich Optimist (386927)

Red. Sire, Glastullich Cupbearer
(368482); Dam, (275202) Glastullich
Broadhooks Belle by Calrossie Reliance
(309531).

Communications to:—

JOHN FINLAYSON
ORCHARD - CAMBUS - ALLOA
Telephone No. Alloa 707

ELLASLEA SHORTHORN HERD

the property of

SIR J. RENNIE IZAT
of BALLILIESK
MUCKHART by DOLLAR

This small herd of Selected Scotch Shorthorns comprises females of the following families: Beauty, Brawith Bud, Cinderella Clipper, Flossie, Lavender, Waterloo, etc.

STOCK BULL

ALDIE WINSTON (391658) Red-roan; sire, Calrossie Adonis (368442); dam, Kair Nonpareil Beauty (225135), by Ballechin Clipper Chief (290092).

Communications to:—

J. T. McLAREN, Estate Office,
Alloa Park, Alloa.
'Phone: Alloa 44.

Directory of Herds

1. GLAMIS:—From Perth take main Aberdeen road for 24 miles, at Glamis Castle Gates turn left, in 200 yards, at Lodge, turn left, this leads to Farm House. From Aberdeen take main Perth road for 60 miles, through Glamis Village turn right at Castle Gates, in 200 yards, at Lodge, turn left, this leads to Farm House. From Dundee take Kirriemuir road for 12 miles, after passing Glamis Castle Gates on right take first on left, at Lodge, this leads to Farm House. **Principal Families**—Floss, Broadhooks, Princess Royal, Augusta, Clipper, Clara, Queen of Rothes, and Wimple. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Robert M. Adam.** **Nearest Station**—Forfar. **Principal Hotels**—Perth Hotels are most convenient; Station, Salutation and Royal George. *Map Ref.*—D7 (Scotland 10).

3. SARRATT (London approx. 20 miles).—Route via Watford or Rickmansworth to Sarratt. Visitors can be met at Rickmansworth station by appointment. **Principal Families**—Broadhooks, Butterfly and Lavender. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Alban.** **Nearest Station**—Rickmansworth. *Map Ref.*—K9 (England 24).

7. BURNTON:—From Perth take main road to Aberdeen. Pass through Forfar and Brechin. 10 miles from Brechin just before you leave Laurencekirk turn right at Commercial Bank. Burnton is farm on left (1 mile). From Aberdeen, take main Perth road. At Laurencekirk (28 miles) turn left at Commercial Bank. Burnton is farm on left (1 mile). **Principal Families**—Princess Royal, Clara, Eliza, Clipper, Beauty, Nonpareil, Augusta, Butterfly, Golden Girl, Violet, Jilt, Lavender, Broadhooks, Goldie, Orange Blossom. **Herd open for inspection**—Yes. **Nearest Station**—Laurencekirk. **Principal Hotels**—Bay Hotel, Stonehaven (Telephone 394); Park Hotel, Montrose (Telephone 482); Northern Hotel, Brechin (Telephone 56). *Map Ref.*—C8 (Scotland 9).

8. DRUMBEG:—Leave Belfast by the Malone road after coming on to the concrete surface fork right at second "keep left" sign; follow this road till you cross the River Lagan at Drumbeg, take the Drumbo road and follow it for $\frac{1}{2}$ of a mile till you almost top the hill where you will see a notice on the gate "Ballyowan House." From the South leave Lisburn by Bridge Street and after crossing the bridge take the second on the left (the Hillhall road) follow this road for 3 miles and at Ballyaughis cross roads turn left going for $\frac{1}{2}$ a mile taking the second avenue on the right. **Principal Families**—Augusta, Floss, Rosewood, Broadhooks and Princess Royal. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Allen Anderson or Mrs. W. A. Anderson.** **Principal Hotels**—Belfast: The Midland Hotel, The Grand Central Hotel, The Royal Avenue Hotel; or 4 miles out Woodbourne Hotel, Dunmurry. *Map Ref.*—F5 (Ireland 1).

9. KAIR:—Fordoun Village is 25 miles from Aberdeen and 55 miles from Perth on the main Aberdeen to Perth road. Visitors coming to Kair should come to Fordoun and turn East at the petrol pumps, turn left at cross roads, cross the Bervie Water and take first road on left. Kair is 5 miles from Burnton and 11 miles from Morphie. **Principal Families**—Nonpareil, Buttercup, Jilt, Butterfly, Victoria, Orange Blossom, Queen of Rothes, Brawith Bud. **Herd open for inspection**—Yes. **Visitors please ask for Owner or Mr. Downie, cattleman.** **Nearest Station**—Laurencekirk. *Map Ref.*—C8 (Scotland 9).

14. MORPHIE:—Aberdeen to Perth road, take first road to East south of Laurencekirk for 3 miles to village of Marykirk, take first road to left for 2 miles through "den." Morphie first farm on left. Aberdeen to Montrose road—strike West north of North Water Bridge on Marykirk road. Morphie second farm.

Principal Families—Princess Royal, Clipper, Buttercup, Victoria, Broadhooks, Rosewood. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Anderson.** **Nearest Stations**—Montrose (5 miles); Laurencekirk (6 miles). **Principal Hotels**—Park Hotel, Montrose; Royal Hotel, Laurencekirk. *Map Ref.*—C8 (Scotland 10).

22 and 23. FINDOWRIE:—Shorthorn Herd at Blackruthven Home Farm, Tibbermore, by Perth. From Perth take Crieff road to Huntingtower Village. Take Tibbermore road (1st road on left immediately after passing through Huntingtower) and farm is 2nd on left (Farm sign on roadside). **Principal Families**—Augusta, Broadhooks, Clipper, Crocus, Princess Royal, Rosewood, Rothes, Undine. **Herd open for inspection**—Yes. **Visitors please ask for Messrs. Barron or Duncan McNab (herdsman).** **Nearest Station**—Perth. **Principal Hotels**—Station, Salutation, George Hotels, Perth. *Map Ref.*—D7 (Scotland 11).

25. STACKPOLE:—Farm 4 miles south of Pembroke and 10 miles from Tenby. Places of interest—Busherston Lily Pools; St. Govan's Chapel; Pembroke Castle; Carew Castle and many others. **Families**—Clipper, Princess Royal, Butterfly, Brawith Bud, Augusta, Nonpareil, Clara, Broadhooks, Charity, Eliza, Rosebud, Miss Ramsden, Cluny Pauline. **Herd open for inspection**—Yes. **Visitors please ask for Mr. J. Bennion or Manager, J. Henton.** **Nearest Station**—Pembroke. **Principal Hotels**—The Lion or King's Arms. *Map Ref.*—K6 (Wales 9).

26. CHAPELTON:—14 miles west of Dumfries on Route A75. **Principal Families**—Bright, Clara, Nonpareil. **Herd open for inspection**—Yes. **Visitors please ask for owner.** **Nearest Stations**—Castle Douglas, 4 miles; Dumfries, 14 miles. **Principal Hotels**—Douglas Arms, Castle Douglas; Station Hotel, Dumfries. *Map Ref.*—F6 (Scotland 29).

27 and 28. BOQUHAPLE:—From Perth take the Stirling road, turn right at Dunblane going through Doune and Thornhill. The farm is the 2nd on the right on the Callander road from Thornhill. From Stirling take the Doune road, turn left at Blair Drummond to Thornhill and take the Callander road and it's the 2nd farm on the right. **Principal Family**—Roan Lady. **Visitors please ask for Messrs. T. R. or A. H. L. Binnie.** **Nearest Stations**—Dune or Callander. **Principal Hotels**—Lion and the Unicorn, Thornhill; Deanton House, near Doune; Dreadnought, Callander; Golden Lion, Stirling. *Map Ref.*—D6 (Scotland 16).

29. WELLBANK:—Turn inland off main Aberdeen-Peterhead road (952) at "Wellbank" signpost ($1\frac{1}{2}$ miles south of Peterhead) and proceed further for 1 mile. Peterhead has an important herring fishing industry. It is the "capital" of the Buchan district. Near at hand are several ruined castles, coastal scenery and the famous "Bullers of Buchan" visited by Dr. Johnston in 1773. The ruined Abbey of Deer is not far away. **Principal Families**—Augusta, Clipper, Missie, Undine, and also dual purpose families, including cows with official milk records. **Herd open for inspection**—Yes. **Visitors please ask for owner.** **Nearest Station**—Peterhead. **Principal Hotels**—Palace Hotel (Tel. 111), Royal Hotel (Tel. 126), North Eastern Hotel (Tel. 143), all in Peterhead. Also Buchanness Hotel, Boddam (Tel. 213) and Seaview Hotel, Boddam (Tel. 26). *Map Ref.*—B8 (Scotland 7).

30. BANCHORY:—From Perth, take Blairgowrie road—after passing the famous Beech Hedges take first turn to right—carry on for two miles when Banchory's white Farm House will be seen on left. Alternative route—from Coupar Angus take Blairgowrie road and after crossing the River Isla, turn left at cross roads and Banchory is second farm on right. **Principal Families**—Brawith Bud, Broadhooks,

Augusta, Princess Royal. **Herd open for inspection**—Yes. **Visitors please ask for owner or herdsman.** **Nearest Station**—Coupar Angus. **Principal Hotels**—This district is well off for hotels of a high class. Map Ref.—D7 (Scotland 11).

33. KENNYTHORPE—York to Malton on Scarborough to York road leave Malton at south side of railway crossing, take right turn up Welham road. Continue for 3½ miles over cross roads, bear left then on to Kenyithorpe, 2nd farm on right hand side—College Farm. **Principal Families**—Augusta, Rosebud, Pauline, Lavender, Goldie. **Herd open for inspection**—Yes, by appointment. **Visitors please ask for Mr. Geo. H. Boak.** **Nearest Station**—Malton. **Principal Hotels**—Green Man, Talbot Hotel. Map Ref.—G9 (England 4).

35. DIPPLE—Main Inverness-Aberdeen road. Turn right Inchberry road at Spey Bridge. **Principal Families**—Augusta, Avenir, Broadhooks, Crocus, Duchess, Goldie, Nonpareil, Dimple. **Herd open for inspection**—Yes. **Visitors please ask for owner.** **Nearest Station**—Orbliston Junction, 1½ miles. **Principal Hotel**—Gordon Arms, Fochabers. Map Ref.—B7 (Scotland 4).

36. BARQUHAR—New Abbey road is on the Castle Douglas side of Dumfries and Abbey House is the third house on the left after leaving the Castle Douglas road. Barquhar Farm where the herd is kept is 5½ miles from Dumfries on the main Castle Douglas road. **Principal Families**—Augusta, Goldie, Sweet Lavender, Lovely. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Archie Swan at Barquhar.** **Nearest Station**—Dumfries. **Principal Hotels**—The Station Hotel, Cairndale Hotel. Map Ref.—F7 (Scotland 28).

39. LEYCROFT—From Taunton take Ilminster road, farm is first turn on right after passing A.A. telephone box 1½ miles from centre of Taunton. **Principal Families**—Rosewood, Clipper, Undine, Princess Royal, Mabel, Scottish Buttercup, Maiden. **Herd open for inspection**—Yes to overseas visitors. **Visitors please ask for owner.** **Nearest Station**—Taunton. **Principal Hotels**—Castle, County. Map Ref.—L7 (England 35).

40. CHALMERSTON—Approximately 5 miles from Stirling. From Stirling take the main Callender road, at the two bridges (1½ miles out) take the old one and turn sharp left by the river. Proceed 3 miles on this road, in which you shall find a sign Chalmerston on left side. **Principal Families**—Queen of Rother, Princess, Broadhooks, Augusta, Maiden, Crocus, Wimple, Rosewood. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Robert Bryce.** **Nearest Station**—Stirling. **Principal Hotels**—Stirling: Golden Lion and Station Hotel. Doune: Woodside. Map Ref.—D6 (Scotland 16).

42. DUNCRAHILL—Duncrahill is about 17 miles from Edinburgh and takes about 40 minutes. Leave Edinburgh by the east end of Princes Street. Take the Musselburgh road and from there go to Tranent and Pencaitland, go into the centre of the village, take left and proceed for a mile. At next cross roads go straight ahead and bear right at the following "T" junction, after crossing the railway take left. **Principal Families**—Moths, Broadhooks, Claras, Princess Royal, Nonpareil. **Herd open for inspection**—Yes. **Visitors please ask for Mr. or Mrs. Denis J. Cadzow.** **Nearest Station**—Edinburgh. **Principal Hotels**—Caledonian or North British, Edinburgh. Map Ref.—E7 (Scotland 18).

46. NETHERWOOD—Glasgow — Paisley — Kilmacolm. 18 miles from Glasgow. **Principal Families**—Augusta, Clara, Princess. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Robert Cameron.** **Nearest Station**—Kilmacolm. **Principal Hotels**—Glasgow Hotels. Map Ref.—E6 (Scotland 20).

47. HIGHWALL—Etwell is 6 miles south of Derby. From Derby take the road to Uttoxeter; after going 5 miles turn right at the Etwell Garage (sign post marked Radbourne), after passing under the railway bridge Highfields is the first farm on the left. **Principal Families**—Princess, Clipper, Butterfly, Dairymaid (Sitycton), Flower. **Herd open for inspection**—Yes. **Visitors please ask for Mr. A. E. Camp.** **Nearest Station**—Derby. **Principal Hotels**—Friary Hotel, Derby and Midland Hotel, Derby. Map Ref.—J8 (England 8).

52. RANWORTH—From Norwich travel 9 miles N.E. on Norfolk Broads. **Principal Families**—Broadhooks, Pauline, Augusta, Goldie, Lovely's, Queen Agnes. **Herd open for inspection**—Yes. **Visitors please ask for the Farm Manager.** **Nearest Station**—Salhouse. **Principal Hotels**—Norwich—Bell Hotel, Castle, Royal. Map Ref.—J11 (England 12).

53. SHEEPPARK—On leaving Newton Stewart take the Whithorn road. About 2 miles after passing the village of Bladnoch and bridge over the River Bladnoch, fork right on the Portwilliam road and 2 miles from this road junction turn right at cross roads at Whauphill. Sheeppark is the first farm on right alongside the road 1½ miles from Whauphill and finger pointed. Total distance from Newton Stewart about 12 miles. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Colin Christison.** **Nearest Station**—Newton Stewart. **Principal Hotels**—Galloway Arms, Black Arms and Crown Hotels, Newton Stewart; Galloway Arms, Wigtown; Monreith Arms, Portwilliam; and Galloway Arms, Garrieston. Map Ref.—F6 (Scotland 30).

55. GOSSHALL—Take Sandwich road from Canterbury to Ash about 8 miles, then second turning left by Gardener's Brewery. Goshall Farm, Ash, is 2 miles from Sandwich; 7 from Deal; 11 from Dover; 9 from Ramsgate; and 10 from Canterbury. From Sandwich, take Canterbury road. Take first turning right after crossing level crossing on outskirts of Sandwich, and Gosshall is first farm (at fork). **Principal Families**—Orange Blossom, Broadhooks, Kora, Clipper, Jilt. **Herd open for inspection**—Yes. **Visitors please ask for Mr. T. P. Coleman or Ray Ovenden, Herdsman.** **Nearest Station**—Sandwich. **Principal Hotels**—Bell, Sandwich; Abbot's Barton and County, Canterbury. Map Ref.—L11 (England 31).

57. BERKHAMSTED—From London, take A.41 Watford by-pass through Kings Langley to Berkhamsted. Turn right at sign post, Little Gaddesden (Ravens Lane), follow road across common through village of Nettleden, where 2 miles further on, on right hand side of road, before actual village of Little Gaddesden, lies Home Farm. From the North of England, take A.41 road through Tring and Northchurch to Berkhamsted. Turn left at sign post, Little Gaddesden, and proceed as before. **Principal Families**—Augusta, Mysie. **Herd open for inspection**—Yes. **Visitors please ask for Mr. R. Jopson, Farm Manager.** **Nearest Station**—Berkhamsted (London Midland Region). **Principal Hotels**—Bridgewater Arms, Little Gaddesden; Kings Arms, Berkhamsted; Rose and Crown, Tring. Map Ref.—K9 (England 24).

64. MORELESS—From Aberdeen take Banff road, turn right 2 miles after passing through Turriff and follow tarmac road past Craigston Castle for ½ mile, then left ¼ mile uphill through belt of trees, turn right to sign post at road end. **Principal Families**—Secret, Augusta, Rosebud, Orange Blossom, Lancaster. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Wm. Davidson.** **Principal Hotels**—Commercial and Union, Turriff. Map Ref.—B8 (Scotland 7).

65. ERIMUS—Bowley Court Farm, home of the Erimus herd of pedigree Shorthorns, lies approx. 7 miles south of Leominster and 9 miles north of Hereford. Approaching from Leominster on the main Shrewsbury-Hereford road, fork left at the A.A. Box about 4 miles south of Leominster. Proceed along

this left fork about $1\frac{1}{2}$ miles and turn left at the North Hereford Hunt Kennels. Continue about $\frac{3}{4}$ mile uphill, and take the first turning to the left, and then the first entrance on the right where there is a notice "To the farm 500 yards." Approaching from Hereford, Gloucester or Worcester, make for Englands Gate Inn at Bodenham. Proceed from this crossroads north on the Leominster road for about $\frac{1}{2}$ mile, turn right at the North Hereford Hunt Kennels, and from there proceed as above when approaching from Leominster. (Owing to the probability of this herd being moved to Little Berrington Farm, adjoining The Vern, Marden, during 1955, it is essential that any proposed visit should be notified in advance.) **Principal Families**—Queen of Rothes, Rosewood, Rosebud, Graceful, Miss Ramsden, Jilt, Princess Royal, Clipper, Floss, Goldie, Broadhooks. **Herd open for inspection**—Yes. **Visitors please ask for** Capt. R. S. de Q. Quincey, or the manager Mr. Reg. Williams. **Principal Hotels**—Hereford, The Green Dragon, The Imperial, The Booth Hall, The City Arms, The Mitre; Leominster, The Royal Oak, The Talbot. *Map Ref.*—K7 (England 20.).

66. DUNGARTHILL:—From Perth, take Inverness road, turn right at Luncarty to Stanley, thence to Murthly and cross River Tay. After crossing the river fork left at Caputh and continue for $3\frac{1}{2}$ miles, look for Augusta, Floss, Clipper, Rosewood, Broadhooks, Jealous Zoe, Eliza. **Herd open for inspection**—Yes. **Visitors please ask for** Lt.-Col. or Mrs. Dewhurst. **Nearest Station**—Dunkeld. **Principal Hotels**—Birnham Hotel; Royal Hotel, Dunkeld; Atholl Arms Hotel. *Map Ref.*—D7 (Scotland 11).

68. COLDDOCH:—From the North turn right at Dunblane to Doune to Blair Drummond corner turn right to Thornhill; signpost to Coldoch. From the South leave Stirling on Thornhill road; fork left at Blair Drummond corner; signpost to Coldoch. **Principal Families**—Broadhooks, Augusta, Rosewood, Buttercup, Golden Bud, Jealousy, Clara, Princess Royal. **Herd open for inspection**—Yes. **Visitors please ask for** P. H. Dickson. **Nearest Station**—Doune (3 miles); Stirling (9 miles). **Principal Hotels**—Golden Lion Hotel, Stirling (9 miles); Gleneagles Hotel (20 miles). *Map Ref.*—D6 (Scotland 16).

71. CRIEFFVECHTER:—From Perth, take Crieff road for 15 miles. Pass through Gilmerton and take first road on left (Highlandman Station). Go over cross roads and farm is first on left. From Stirling, take Crieff road. Enter Crieff over bridge and take first turning to right. Turn left at first cross roads and farm is first on right. From Gleneagles, go to Crieff and proceed as above. **Principal Families**—Mysie, Maiden, Sityton, Dairymaid, Princess Royal, Rosewood, Butterfly. **Herd open for inspection** by overseas visitors. **Visitors please ask for** Mr. Dron. **Nearest Station**—Crieff (2 miles). **Principal Hotels**—Drummond Arms, Crieff, George, Crieff; Gleneagles (9 miles). *Map Ref.*—D7 (Scotland 11).

79 and 80. UPPERMILL:—Situating 1 mile from Tarves; 3 miles from Old Meldrum; and 20 miles north-east of Aberdeen. From Aberdeen, take the Old Meldrum road from Bucksburn passing through the villages of Dyce and Newmachar. About a mile north of Whiterashes turn right at a signpost to Tarves, on that road (over 2 crossroads) to a signpost to Uppermill, then turn left. **Principal Families**—Augusta, Blythesome, Broadhooks, Buttercup, Clara, Clipper, Crocus, Goldie, Golden Drop, Mabel, Orange Blossom, Lovely, Princess Royal, Queen of Rothes, Rosewood, Secret, Violet. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. James Durno or Miss Mary Durno. **Nearest Station**—Inverurie. **Principal Hotels**—There are first class hotels in Aberdeen, Ellon, Inverurie and Old Meldrum. *Map Ref.*—C8 (Scotland 7).

81. EDRING:—From Berwick-on-Tweed, take the Duns road for $4\frac{1}{2}$ miles and the lodge is on the main Duns road 30 yards beyond the cross roads indicating the villages of Mordington and Paxton. **Principal**

Families—Pauline, Goldie, Clipper, Augusta, Eliza. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. Edwards. **Nearest Station**—Berwick-on-Tweed. **Principal Hotels**—King's Arms and Castle Hotel, Berwick-on-Tweed. *Map Ref.*—E8 (Scotland 22).

82. STEVENSON:—Edinburgh to Haddington, then cross Victoria Bridge; about $2\frac{1}{2}$ miles to Farm—road sign-posted. **Principal Families**—Augusta, Broadhooks, Blythesome, Clara, Goldie, Miss Ramsden, Princess Royal. **Herd open for inspection**—Yes. by appointment. **Visitors please ask for** Mr. Hugh Elder or Mr. Hugh Elder jun. **Nearest Station**—East Linton. **Principal Hotel**—George, Haddington. *Map Ref.*—D7 (Scotland 18).

88. MOY:—On Aberdeen-Inverness road coming from the East pass through the town of Forres, and $1\frac{1}{2}$ miles further West, after crossing the River Findon Bridge and the railway bridge, turn right. Again take first road on right, and the farm buildings of Wester Moy can be seen second farm on left. Points of interest—Darnaway Castle, 2 miles; Kinloss and Elgin Cathedrals, 4 and 15 miles, respectively. **Principal Families**—Crocus, Clipper, Augusta, Nonpareil, Beauty, Broadhooks, Princess Royal. **Herd open for inspection** by overseas visitors. **Visitors please ask for** Mr. W. F. Ferguson. **Nearest Station**—Forres. **Principal Hotels**—Station Hotel, Victoria Hotel and Carleton Hotel, Forres. *Map Ref.*—B7 (Scotland 4).

90. ORCHARD:—Road A.907 Stirling to Alloa; on south side of road midway between Cambus and Alloa. **Principal Families**—Broadhooks, Rosebud, Rosewood, Crocus, Clipper, Princess Royal and Golden Drop. **Herd open for inspection**—Yes. **Visitors please ask for** owner. **Nearest Station**—Cambus. *Map Ref.*—D7 (Scotland 17).

92. SALTOUN:—Saltoun is 15 miles south of Edinburgh, via Musselburgh and Tranent, turn right at Ross's Garage, Tranent, proceed for $\frac{1}{2}$ mile and then at fork branch off left, proceed another 3 miles past Pencaitland cross roads and over Spilmersford Bridge. Saltoun Home Farm is first on left past bridge. **Principal Families**—Augusta, Wimple, Miss Ramsden, Rothes Queen, Princess Royal, Buttercups, Queen Clara, Dally Clara, Goldie. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. William Morrison, Herd Manager. *Map Ref.*—E7 (Scotland 18).

93. DUPPLIN:—From Perth, take main Glasgow road for about six miles. Road on left to Netherkew farm just after Cairnie Brae and before reaching Dalreoch Bridge. **Principal Families**—Foundation stock purchased from Uppermill, Beaufort, Scotston, and Cruggleton. **Herd open for inspection**—Yes. **Visitors by appointment with** Farm Manager, Mr. William Powrie. Telephone Gask 205. **Principal Hotels and nearest Station**—At Perth. *Map Ref.*—D7 (Scotland 11).

95. EASTERLOVAT:—From Inverness, take North road for 7 miles, turn right at Bogroy Inn to cross roads at Kirkhill, turn left, continue to Smithy, turn right and proceed to first turning on right, continue down hill, cross railway bridge, turn right past Wester Lovat Farm for $\frac{3}{4}$ of a mile. **Principal Families**—Broadhooks, Clipper, Butterfly, Beauty, Augusta, Zoe Clipper. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. J. H. Fraser. **Nearest Station**—Clunes. **Principal Hotels**—Caledonian Hotel, Station Hotel and Royal Hotel, Inverness. *Map Ref.*—B6 (Scotland 8).

97. BOREPLACE:—Boreplace is thirty miles south of London between Tonbridge, Sevenoaks and Edenbridge. Take main road from London to Sevenoaks, turn sharp right at the Royal Oak and proceed down Baily's Hill towards Chiddingstone for three miles. Boreplace is on the right. **Principal Families**—Jilt, Crocus, Augusta, Clara, Rosewood, Wimple, Violet. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. Hobden (Manager). **Nearest Station**—Edenbridge, Sevenoaks. **Principal Hotels**

—Royal Oak, Sevenoaks: Rose and Crown, Tonbridge. Map Ref.—L10 (England 31).

98. KNOWLE:—Major portion of the herd is maintained at Pallet Hill, Kirby Knowle. This is approximately halfway between York and Darlington, convenient stations being Northallerton (10 miles) and Thirsk (6 miles) both on the main London-Edinburgh line. Visitors by road from North or South should come to Thirsk and take the Helmsley road at the roundabout—bear left for Felixkirk at first fork about 1 mile from Thirsk; pass round church in Felixkirk Village and keep left on the Kirby Knowle road. Pallet Hill will be seen on the right-hand side on slight eminence. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Furness or Manager, Mr. L. M. Patterson.** **Nearest Station**—Northallerton (10 miles); Thirsk (6 miles). **Principal Families**—Royal Station, York (53681); Golden Fleece, Thirsk (3108); (Trust House); Golden Lion, Northallerton (4) (Trust House); King's Head, Darlington (3401); Croft Spa Hotel, Croft (17). Nr. Darlington on the Northallerton road. Map Ref.—G9 (England 4).

99. CAPPAGHMORE:—Leave Dublin by Tere-nure, continue for 1½ miles, pass through Templeogue and "Cypress Grove" is on the right 200 yards further on, opposite a road bridge. **Principal Families**—Rosewood, Rosebud, Rose, Splendour. **Herd open for inspection**—Yes. **Visitors please ask for Owner or Mr. William Jennings.** **Nearest Station**—Dublin. Map Ref.—H4 (Ireland 19).

102 and 103. ALDSWORTH:—18 miles from Cheltenham; 2 miles to the right of the Cheltenham-Oxford road; 12 miles from Cirencester. To Villars Farm—From Cheltenham, 22 miles; Cirencester, 6; Fairford, 2; Aldsworth, 8. From Cheltenham take the Cirencester road. Take Meysey Hampton turn to village (½ mile) Farm on village green. Cirencester is noted for one of the finest Parish Churches in England—it is a "wool" church. Fairford has some of the oldest and most remarkable stained glass windows. Meysey Hampton is 25 miles from Oxford. **Principal Families**—Garne Pye, Brawith Bud, Princess Royal, Sittyton Secret. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. W. Garne.** **Nearest Stations**—Cheltenham; Kemble (visitors can be met at either station). **Principal Hotels**—Cotswold Gateway, Burford; Swan, Bibury; King's Head, Cirencester; Plough, Cheltenham. Map Ref.—K8 (England 25).

108. PITCAIRNS:—Pitcairns is about 9 miles from Perth. There are three roads, but the Glasgow road is more direct. Branch off at the Broom right through to Dunning. First farm at top of hill. **Principal Families**—Maud, Augusta, Princess, etc. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Gillon.** **Nearest Station**—Dunning (1 mile). **Principal Hotels**—Three Hotels. Map Ref.—D7 (Scotland 11).

112 and 113. CLUNY:—From Aberdeen, Union Street—Queen's Road—by Aberdeen-Alford Road—at milestone 15 turn right, and follow signs marked "Cluny Castle" for a further 2 miles. From Inverurie, take road through Kemnay, and one mile further west turn left at sign marked "Cluny Castle" for 2 more miles. **Principal Families**—Augusta, Beauty, Brawith Bud, Broadhooks, Butterfly, Clara, Clipper, Eliza, Jealousy, Lancaster, Lovely, Luxury, Mabel, Pauline, Primrose, Princess Royal, Rosewood. **Herd open for inspection**—Yes. **Visitors please ask for Mr. or Mrs. Claeson Gordon or Herdsman.** **Nearest Station**—Aberdeen (18 miles: will meet if required). **Principal Hotels**—Station, Northern, Aberdeen; or in Inverurie. Map Ref.—C8 (Scotland 7).

119. MARDEN:—From Ipswich, proceed east for fifteen miles through Woodbridge, Melton, to Butley. Turn sharp right at Oyster Inn and go south for two miles to Home Farm, Chapel St. Andrew, where the herd is situated. The farm lies on the left at the corner of the cross roads. **Principal Families**—

Blythsome, Broadhooks, Clipper, Eliza, Lovely, Pauline, Princess Royal, Rosebud. **Herd open for inspection**—Yes. **Visitors please ask for Mr. A. D. Wallace.** **Nearest Station**—Woodbridge. **Principal Hotels**—The Crown, Woodbridge; The Crown and Castle, Orford. Map Ref.—K11 (England 17)

120. LEAVALLEY:—Dunston is midway between Stafford and Penkridge main road. Leave main road by church, first turn right and then second right to farm. **Principal Families**—Broadhooks, Ramsden, Lavender, Rosebud, Zoe, Crocus, Marigold, Clipper, Beauty. **Herd open for inspection**—Yes, by appointment. **Visitors please ask for Mr. P. B. Griffin.** **Nearest Station**—Stafford. **Principal Hotels**—Swan, Station. Map Ref.—J8 (England 9).

124. BALLATHIE:—Take the Dunkeld road from Perth and some 4 miles out take the turning on the right to Stanley some 2 miles further on. Inquire in Stanley for Ballathie, which is 5 miles from Stanley. **Principal Families**—Orange Blossom, Clipper, Rothes Queen, Princess Royal, Pixie Avenir, Crocus. **Herd open for inspection**—Yes, by appointment. **Visitors please ask for Farm Manager (Telephone No. Meikleour 214).** **Nearest Station**—Perth. **Principal Hotels**—Station and George, Perth. Map Ref.—D7 (Scotland 11).

125. GAINFORD:—Darlington (the home of the Shorthorns), 8 miles west on main road to Barnard Castle. **Principal Families**—Rosebud, Rosemary, Princess Royal, Booth Bright. **Herd open for inspection**—Yes. **Visitors please ask for Mr. John Harrison.** **Nearest Station**—Gainford on the Farm. **Principal Hotels**—Lord Nelson, Queen Head, Gainford. Map Ref.—F8 (England 2).

130. LAWTON:—From Perth, take Coupar Angus-Forfar road. Eight miles along this road turn right at the cross roads where road sign points to Collace, then first left, and Lawton is the second farm on the right. **Principal Families**—Eliza, Secret, Broadhooks, Princess, Augusta, Rosewood, Lavender, Blossom, Dorothy, Rothes Queen. **Herd open for inspection**—Yes, by appointment. **Visitors please ask for Mr. P. H. Henderson.** **Nearest Stations**—Perth or Coupar Angus. **Principal Hotels**—Royal and Railway, Coupar Angus; Station, George and Salutation, Perth. Map Ref.—D7 (Scotland 11).

132. LAVINGTON:—Approximately 5½ miles from Devizes on main Devizes-Salisbury road. From Devizes follow signposts to Salisbury; pass through Potterne village and 3 miles further on enter West Lavington. Proceed down main village street looking out for farm yard on left-hand side of road opposite "Horse and Jockey" Inn. West Lavington is situated at the foot of Salisbury Plain, which is noted for its Army training Areas and Artillery Ranges. Stonehenge, the famous Druids Temple, is about 10 miles away on the main Lavington-Amesbury road. Salisbury with its fine Cathedral is 17 miles from West Lavington. Bath with its Roman baths and hot springs, 24 miles. **Principal Families**—Augusta, Broadhooks, Clipper, Emily, Pye, and Secret. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Michael D. Holloway or Manager, J. Dodgson (Tel. Lavington 2107).** **Nearest Station**—Lavington, Western Region. **Principal Hotels**—Bear and Black Swan, Devizes (5½ miles); Clyffe Hall, Market, Lavington (1 mile). Map Ref.—L8 (England 30).

134 and 136. POWGAVIE:—From Perth, take Dundee road for 13 miles, when entering the village of Inchture take turning to right for 2 miles, cross level crossing and farm is straight ahead. From Dundee, take Perth road for 9 miles until you pass through the village of Inchture, take turn to left for 2 miles, cross level crossing and farm is straight ahead. **Principal Families**—Broadhooks, Buttercup, Clara, Dorothy, Goldie, Lovely, Princess Royal, Rosewood, Secret. **Herd open for inspection**—Yes. **Visitors please ask for Messrs. David S. Hope or Ian Hope.** **Nearest Station**—Inchture. **Principal**

Hotels—Station, Salutation or Royal George, Perth (13 miles); Royal British, Royal, Queens or Invercarse, Dundee (9 miles). *Map Ref.*—D7 (Scotland 11).

135. BASILDON—Pass through Pangbourne on the Reading-Oxford road. 100 yards after the end of the Pangbourne speed limit there is a turning to the left which leads through an arch which carries the railway and then proceed to the farm. **Principal Families**—Clara, Bessie, Broadhooks, Rosemary. **Herd open for inspection**—Yes by appointment. **Visitors please ask for the owner.** **Nearest Station**—Pangbourne. **Principal Hotels**—The Elephant or the George, Pangbourne, are good hotels. *Map Ref.*—L9 (England 29).

138. MUIRSIDE—The Brawlandknowes herd is located at Dunscoft Farm, Huntly. From Huntly, take Aberdeen road (97) via Gartly for 2½ miles. At public school turn right at road passing public hall and farm is situated approximately 1 mile along this road at second road on right. **Principal Families**—Augusta, Broadhooks, Blythesome, Clipper, Miss Ramsden, Eliza, Princess Royal, Lavender, Secret, Lancaster. **Herd open for inspection**—Yes. **Visitors please ask for Messrs. Jas. F. Innes or Wm. K. Innes.** **Nearest Station**—Huntly. **Principal Hotels**—Huntly, Gordon Arms, Huntly Castle, Huntly. *Map Ref.*—B7 (Scotland 7).

140. ELLASLEA—Balliliesk Home Farm steading is on the roadside at Yetts of Muckhart between Milnathort and Dollar. From Perth, proceed through Bridge of Earn, Glenfarg and Milnathort. From Stirling, travel to Causewayhead and at the roundabout there, take the Hillfoots road passing through Blairlogie, Nenstrie, Tillicoultry, Dollar and Port of Muckhart. **Principal Families**—Beauty, Brawth Bud, Broadhooks, Charity Clipper, Flossie, Lavender, Waterloo. **Herd open for inspection**—Yes. **Visitors please ask for Mr. J. T. McLaren, Estates Office, Alloa Park, Alloa.** **Nearest Station**—Rumbling Bridge (1 mile). **Principal Hotels**—Rumbling Bridge (1 mile); Castle Campbell, Dollar (3 miles). *Map Ref.*—D7 (Scotland 17).

144. ORPHIR—Gyre Farm. From Kirkwall, take Orphir road for 9 miles, turn left at church. Farm first on left. **Herd open for inspection**—Yes. **Visitors please ask for Owner or Mr. W. A. Anderson, Grieve.** **Nearest Station**—Kirkwall. **Principal Hotels**—Kirkwall, Royal, Ayre. *Map Ref.*—B9.

147. KYBO—Head south from London on A.23 through Brixton and Streatham. At Thornton Heath, bear left on to A.235 as far as "Red Deer." Fork left on B269 for Warlingham and Limsfield. At Limsfield follow A.25 (as if for Westerham and Maidstone) for about ½ mile, pick up B.269 again from Crockham Hill and Edenbridge. At Crockham Hill bear right on to B2026 for Edenbridge. 1½ miles south of Crockham Hill (the farm land borders the main road at this point) turn right at sign post marked "Limsfield and Bletchingley," farm entrance is 200 yards on left—watch for private notice boards. **Principal Families**—Augusta, Butterfly, Charity, Clipper, Golden Drop, Princess Royal, Rothes Queen. **Herd open for inspection**—Yes. **Visitors please ask for Farm Manager, Mr. L. J. Layberry.** **Nearest Station**—Edenbridge (but Edenbridge Town more convenient for London). **Principal Hotels**—Albion (1 mile from farm), telephone Edenbridge 214211; Henry VIII, Hever (4 miles), Edenbridge 216311; George and Dragon, Westerham (4 miles), Westerham 324511; Hoskins Arms, Oxted, Surrey (5 miles), Oxted 11. *Map Ref.*—L 10 (England 31).

148. HARVESTOUN—First lodge on the right between Dollar and Tillicoultry; ½ a-mile from Dollar. **Principal Families**—Clipper, Goldie, Lavender, Princess Royal, Secret, Augusta. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. J. E. Kerr.** **Nearest Station**—Dollar. **Principal Hotel**—Castle Campbell. *Map Ref.*—D7 (Scotland 17).

150. FELIXKIRK—Approximately 20 miles from York and Harrogate; 2 miles east of Thirsk on road sign posted Helmsley. **Principal Families**—Golden Drop, Broadhooks, Butterfly, Princess Royal, Missie, Augusta, Nelly Bly, Calrossie Flossie. **Herd open for inspection**—Yes. **Visitors please ask for Mr. G. W. Kirk.** **Nearest Station**—Thirsk. **Principal Hotels**—Royal Oak and Three Tuns, Thirsk. *Map Ref.*—G9 (England 4).

156. STRATHTON—Two and a half miles outside Stromness, on Sandwick road, branching left after crossing small bridge at Quholmie. Orkney has great fishing lochs and well-known for its old pits, houses and standing stones. Ideal holiday resort. **Principal Families**—Augusta, Dorothy, Jealous, Orange Blossom, Princess Royal, Nonpareil. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Frank Linklater.** **Nearest Station**—Thurso, then via passenger boat. **Principal Hotels**—Stromness and Temperance (Scott's). *Map Ref.*—B9.

160. BEAUFORT—From Inverness follow main North road (northwards) for 10 miles then take sharp left turn (sign post reads Drumnadrochit), continue for ½ mile to wrought iron gates, on right, which leads to Castle Park. **Principal Families**—Augusta, Clipper, Blythesome, Broadhooks, Clara, Goldie, Lancaster, Lovely, Mabel, Orange Blossom, Princess Royal, Queen of Rothes, Secret. **Herd open for inspection**—Yes. **Visitors please ask for The Lord Lovat or Manager, James A. B. Horn.** **Nearest Stations**—Beaulieu (3 miles); Inverness Junction, main line (12 miles). **Principal Hotels**—Lovat Arms, Beaulieu; Station, Royal or Caledonian, Inverness. *Map Ref.*—B6 (Scotland 8).

163. HARDIESMILL—Approx. 40 miles from Edinburgh and 7 miles from Kelso. Take Dalkeith road from Edinburgh via Carfrae Mill and Gordon; from Gordon on the Kelso road take second turn left and Hardiesmill first turn on left. Hardiesmill is in the famous Border Country, 7 miles from Kelso and Abbey; 12 miles, Dryburgh Abbey; 14 miles, Melrose Abbey; 18 miles, Abbotsford (Walter Scott); Jedburgh Abbey, 18 miles; Peebles about 30 miles; Hume Castle scheduled ancient monument, 3 miles. **Principal Families**—Crocus, Buttercup, Brawth Bud, Augusta, Golden Drop, May House. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. E. E. Main.** **Nearest Stations**—Kelso (7 miles); St. Boswells (14 miles); Berwick-on-Tweed (25 miles). **Principal Hotels**—Ednam House and Cross Keys, Kelso; Abbey Hotel, Dryburgh. *Map Ref.*—E8 (Scotland 22).

173. BELGARD—Eight miles from Dublin, and one mile off Dublin to Cork main road at Newlands Corner. Turn left towards the Dublin hills. Belgard gates are the first white gates on the right hand side of the road. **Principal Families**—Broadhooks, Buttercup, Butterfly, Carnation, Eliza, Luxury. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Maude or Head Cattleman** (telephone message beforehand greatly appreciated). **Nearest Station**—Kingsbridge, Dublin. **Principal Hotels**—Shelbourne, Russell, Greesham and Royal Hibernian. *Map Ref.*—H4 (Ireland 19).

175. BALMULLO—From Perth take road to Cupar via Bridge of Earn and Newburgh; turn left at Cupar on Newport road; 5 miles out to village of Balmullo. **Principal Families**—Mysie, Nonpareil, Clipper, Goldies. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Melville, Mrs. Melville or Cattleman.** **Nearest Station**—Leuchars Junction. *Map Ref.*—D7 (Scotland 13).

179. BAPTON—Cairnbrogie is situated 3 miles from Oldmeldrum, 32 miles from Tarves, 8 miles from Inverurie, and 17 miles north-west of the city of Aberdeen. Coming from the South to Aberdeen, after crossing the Bridge of Dee on the outskirts of the City, keep on left, over the Ring road to Bucksburn. From there take the Oldmeldrum road, through the

villages of Dyce, Newmachar and about a mile north of Whiteashes turn right at signpost to Tarves. On that road, turn left at the first cross-roads (at Council Houses) and the first farm is Cairnbrogie. **Principal Families**—Actress, Augusta, Broadhooks, Butterfly, Brawith Bud, Kiblean Beauty, Crocus, Clipper, Lady Dorothy, Eliza, Floss, Jilt, Mabel, Miss Ramsden, Orange Blossom, Princess Royal, Queen of Rothes, Rosewood. **Herd open for inspection** by overseas visitors. **Visitors please ask** for the Resident Manager, W. Gordon Blackstock. **Nearest Stations**—Udny and Inverurie. **Principal Hotels**—There are first-class Hotels in Aberdeen, Ellon, Inverurie and Oldmeldrum. Map Ref.—C8 (Scotland 7).

180. WHITSOME—Hilton is $7\frac{1}{2}$ miles west of Berwick on the Kelso road. Take 1st road on the right after Winfield Aerodrome. **Principal Families**—Buttercup, Marigold, Secret, Princess Royal. **Herd open for inspection**—Yes. **Visitors please ask** for Owner or J. Graham. **Nearest Station**—Berwick-on-Tweed. **Principal Hotels**—King's Arms and The Castle, Berwick. Map Ref.—E8 (Scotland 22).

184. NAEMOOR (Shorthorns at Todrig, Greenlaw, Berwickshire).—From Edinburgh, turn right on entering Greenlaw, along the Gordon-Earlston road; take the second turn to the left (road marked to Kelso). Todrig is 1 mile along on left of road. From Kelso, leave by Edinburgh road; $\frac{3}{4}$ mile out of Kelso fork to right along Greenlaw road. Follow this road through Stichill—farm is on right $7\frac{1}{2}$ miles from Kelso. **Principal Families**—Broadhooks, Butterfly, Clara, Clipper, Floss, Pauline, Waterloo. **Herd open for inspection**—Yes. **Visitors please ask** for Major Moubray. **Nearest Stations**—Kelso or St. Boswells (Berwick for London). **Principal Hotels**—Ednam House, Kelso (Tel. 68). Map Ref.—E8 (Scotland 22).

190 and 193. CALROSSIE—Approximately 42 miles from Inverness, and 3 miles from Tain. From Inverness—take road to Dingwall; in Dingwall at signpost "Garve and Tain," turn right for Tain. Keep on the Tain road for about 20 miles till signpost "Tain and Nigg," at which keep straight on through white gates into Calrossie private avenue. **Principal Families**—Broadhooks, Augusta, Floss, Clipper, Princess Royal, Miss Ramsden, Goldie, Pauline, Butterfly, Rosewood, Queen of Rothes, Clara. **Herd open for inspection**—Yes. **Visitors please ask** for Capt. John MacGillivray or Mr. Donald MacGillivray. **Nearest Station**—Nigg. **Principal Hotels**—Invergordon Royal Hotel (Tel. Invergordon 26); Tain Royal Hotel (Tel. Tain 13). Map Ref.—B6 (Scotland 3).

191. ALDIE—Approximately 15 miles from Edinburgh, and 2 miles from Pencatland; from Edinburgh G.P.O. take Haddington road as far as Tranent, then right to Pencatland (6 miles); at Post Office keep left for 2 miles to West Saltoun, which is 50 yards from Greenhead. Places of interest—Holyrood House; St. Andrews House; at Musselburgh, Loreto School and Racecourse. **Principal Families**—Broadhook, Rosewood, Blood Royal, Goldie, Princess Royal, Queen of Rothes, Clipper, Augusta, Lovely, Buttercup, Bessie, Nonpareil. **Visitors please ask** for Mr. Finlay McGillivray. **Bus Route**—Edinburgh, St. Andrews Square, take Haddington via Gifford bus as far as West Saltoun. **Principal Hotels**—George Hotel, Roxburgh Hotel, Royal British, Edinburgh; George Hotel, Haddington (6 miles). Goblin Ha Hotel, Tweeddale Arms Hotel, Gifford (5 miles). Map Ref.—E7 (Scotland 18).

192. PHOPACHY—Five miles north of Inverness on the main North Road, beside the Beaully Firth. **Principal Families**—Queen of Rothes, Clipper, Broadhooks, Augusta. **Herd open for inspection** by overseas visitors. **Visitors please ask** for Miss MacGillivray. **Nearest Station**—Inverness. **Principal Hotels**—Station and Caledonian Hotels, Inverness. Map Ref.—B6 (Scotland 8).

194. GLASTULLICH—42 miles north of Inverness; through Dingwall and Invergordon, then 7 miles on towards Tain. Second road on right after passing Shandwich Inn. Invergordon—Famous Naval base in 1914-18 War, and still visited by the Home Fleet. **Herd open for inspection** by overseas visitors. **Visitors please ask** for Mr. MacGillivray. **Nearest Station**—Nigg. **Principal Hotels**—Royal Hotel, Invergordon; Royal Hotel, Balnagowan Hotel, St. Duthus Hotel, all in Tain. Map Ref.—B6 (Scotland 3).

196. KIRKFORTHAR—Half-way between Kirkcaldy and Cupar; 20 miles from Perth. **Principal Families**—Augusta, Clipper. **Herd open for inspection**—Yes. **Principal Hotels**—See Hotels, Cupar and Kirkcaldy. Map Ref.—D17 (Scotland 13).

203. DRYNIE—From Inverness, via Kessock ferry ($\frac{1}{2}$ hourly car service); approx. 4 miles to Drynie. Turn left off ferry and keep to main road; turn right in $\frac{3}{4}$ mile; turn sharp right again over school bridge; bear left in $\frac{1}{2}$ mile, and then keep straight in for $1\frac{1}{2}$ miles. Or by road, 25 miles, round Firth via Beaully, turning right at Muir of Ord, on Fortrose road. At Munloch cross roads turn right through village, left at War Memorial, up hill $1\frac{1}{2}$ miles, then turn left at "T" road; 1 mile further on turn left again up avenue to Drynie. **Principal Families**—Rosewood, Rosebud, Augusta, Princess Royal, Floss, Butterfly, Clipper, Nonpareil, Pauline, Broadhooks, Queen of Rothes, Eliza, Secret, Brawith Bud. **Herd open for inspection**—Yes. **Visitors please ask** for Captain Maclean or Miss Simmonds (Tel.: Munloch 207), or cattleman, Mr. Ian Nicolson (Tel.: Kessock 216). **Nearest Station**—Inverness. **Principal Hotels**—Station, Caledonian or Royal, etc., in Inverness. Map Ref.—B6 (Scotland 3).

207 and 208. ECHT—From Aberdeen, take the Tarland road. Farm is first on right, after passing Echt village. **Principal Families**—Princess Royal, Augusta, Queen of Rothes, Butterfly, Golden Drop. **Herd open for inspection**—Yes. **Visitors please ask** for Owner. **Nearest Station**—Aberdeen. **Principal Hotels**—Station, Gloucester, Douglas. Map Ref.—C 8 (Scotland 7).

214 and 215. TERRONA—2 miles north of Langholm, on main Hawick to Carlisle road. **Principal Families**—Goldie, Eliza, Lavender. Wreath. **Herd open for inspection**—Yes. **Visitors please ask** for Mr. James J. Paterson. **Nearest Station**—Langholm. Map Ref.—F7 (Scotland 28).

222 and 223. KILTANE—7 miles from Stirling on the Stirling-Glasgow, via Balfon and Killoran, road. Second road on the right after passing Gargunnock Station. Sign post at the road. **Principal Families**—Clara, Mysie, Blythsome, Broadhooks, Buttercup, Estelle. **Herd open for inspection**—Yes. **Visitors please ask** for Mr. Porter. **Nearest Station**—Stirling. **Principal Hotels**—Golden Lion, Stirling; Buchanan Arms, Drymen. Map Ref.—D6 (Scotland 16).

224. WESTDRUMS—From North, pass through Brechin. On leaving the town, bear left, following Brechin Castle wall. Cross river Southesk, bear left at road fork, taking direction marked Aldbar Station. The farm is at the top of the hill (signposted). From Perth, on outskirts of Brechin turn sharp right at Castle wall, and follow directions as above. Farm is $2\frac{1}{2}$ miles from Brechin. **Principal Families**—Princess Royal, Eliza, Kiblean Beauty, Augusta, Floss, Lancaster, Jealousy. **Herd open for inspection**—Yes. **Visitors please ask** for Mr. G. M. Rankin. **Nearest Stations**—Montrose (East Coast Line); Forfar (Midland Line). **Principal Hotels**—Northern, Brechin; Park, Montrose; Central, Edzell. Map Ref.—C7 (Scotland 10).

226. CROMLEYBANK—Situated on the Aberdeen-Peterhead-Fraserburgh road, 15 miles north of Aberdeen and 1 mile south of Ellon. Route from Aberdeen—Proceed along King Street, cross the

River Don and keep straight out the Aberdeen-Peterhead-Fraserburgh road. One mile before reaching Ellon the farm will be seen on the right-hand side and can easily be recognised by its red roof. A regular bus service passes the farm from Aberdeen. Route from Tarves area (Uppermill, Tolquhon, etc.)—Turn right at foot of the hill leading from Tarves (then right at foot of road leading from Tolquhon) and then turn left at first cross roads, go as far as Mill of Esslemont and turn left again; follow this road till it reaches the Aberdeen-Ellon main road just north of Ellon. Turn right and Cromleybank is first farm on right-hand side. **Principal Families**—Broadhooks, Blythesome, Clara, Clipper, Eliza, Goldie, Lancaster, Mabel, Nonpareil, Princess Royal, Primrose, Rosewood, Roan Lady, Secret, Waterloo. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. John N. Reid (Ellon 225) or Mr. J. L. T. Reid (Ellon 230). **Nearest Station**—Ellon. **Principal Hotels**—New Inn, Buchan and Station, Ellon; Udney Arms, Newburgh (5 miles); numerous good hotels in Aberdeen (15 miles). *Map Ref.*—B8 (Scotland 7).

228. STRATHALLAN—Lawhill Farm—Branch off main Stirling-Perth road at Auchterarder if coming from South. Take road to Kinkell Bridge, cross and turn sharp right to Perth road. Lawhill lies about two miles further on right-hand side. Coming from North: Branch off Perth-Stirling road on left (Findo Gask and Kinkell road), about 5 miles from Perth. Lawhill lies on left of this road, about six miles on. **Principal Families**—Rosewood, Buttercup, Clipper. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. Geo. Wilkie, Farm Manager, Lawhill, or Secretary, Strathallan Castle. **Nearest Station**—Gleneagles (Visitors met on telephoning Auchterarder 29). **Principal Hotels**—Gleneagles; Crown and Ruthven Towers, Auchterarder. *Map Ref.*—D7 (Scotland 11).

229 and 231. SCOTSTON—From Edinburgh via Queensferry—straight through Dunfermline on to the Crieff road. Colton on right-hand side about 1½ miles from Dunfermline. From Perth, southwards on Great North road to Kely, turn right and follow signs marked Dunfermline this leads onto Crieff road, after joining this Colton is on left after passing a side road on right. **Principal Families**—Jealousy, Goldie, Queen of Rothes, Beauty, Broadhooks, etc. **Herd open for inspection**—Yes. **Visitors please ask for** Messrs. W. B. Robertson at Colton (Tel. 82) or A. D. Robertson at Baldrige (Tel. 418). **Nearest Station**—Dunfermline (lower) on main line Edinburgh to Perth, via Forth Bridge. *Map Ref.*—D7 (Scotland 13).

234. LANFINE—18 miles from Ayr and Prestwick Airport. From Newmilns, take Craigview road opposite Clydesdale & North of Scotland Bank Ltd., cross river bridge and turn left under railway bridge, take second lodge on right and proceed straight up avenue for approx. ½ mile, straight through first cross-roads and Estate Office is first on right. **Principal Families**—Augusta, Broadhooks, Clipper, Crocus, Lancaster, Lovely, Princess Royal, Rosebud, Rosewood, Rothes Baroness, Secret. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. William Logan. **Nearest Station**—Kilmarnock. **Principal Hotels**—Station and Dalblair, Ayr. *Map Ref.*—E6 (Scotland 27).

236. BALDOWRIE—From Perth, take Aberdeen road to Coupar Angus (12 miles approx), turn right over level crossing on to Dundee road, take second road left at road junction about one mile from Coupar Angus (road sign-marked Newtyle), proceed on this road for almost three miles until you find the sign post bearing the name Baldowrie on the right-hand side of the road. **Principal Families**—Augusta, Wimple, Clipper, Beauth, Brawith Bud, Broadhooks, Miss Ramsden. **Herd open for inspection**—Yes, by appointment. **Visitors please ask for** Owner or Herdsman (John Ferguson). **Nearest Station**—Coupar Angus. **Principal Hotels**—Best accommodation available in Perth only 16 miles distant. *Map Ref.*—D7 (Scotland 11).

240. GLASSEL—From Aberdeen, take the North Deeside road, go through Banchory and take first road on right marked "Glasel," for 2-3 miles. **Principal Families**—Lovely, Secret, Actress, Charity.

Herd open for inspection—Yes. **Visitors please ask for** Dr. Salvesen. **Nearest Station**—Glasel. *Map Ref.*—C8 (Scotland 7).

243. PETTY—From Aberdeen, take Turriff road passing through Dyce and Old Meldrum, turn left at farm sign 150 yards before passing through village of Fyvie. Farm is 500 yards from main road at top of hill. **Principal Families**—Goldie, Rosewood, Clipper, Augusta, Princess Royal, Estelle, Kibblean Beauty. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. R. McBride. **Nearest Station**—Inverurie. **Principal Hotels**—Old Meldrum House, Old Meldrum; Kintore Arms, Inverurie. *Map Ref.*—B8 (Scotland 7).

245. COTHAMFARM—If coming from North, follow the Great North road into Newark, go over the railway crossing and turn right at traffic signals then immediately bear left, go straight on at the roundabout and continue along this road for 4 miles. Farm is first on right in Cotham. If coming from the South, go into Newark on the Great North road and turn left at the traffic signals, then follow route as above. **Principal Families**—Broadhooks, Buttercup, Clipper, Princess, Brawith Bud, Marigold, Augusta. **Herd open for inspection**—Yes. **Visitors please ask for** Owner. **Nearest Station**—Newark. **Principal Hotels**—Robin Hood, Clinton Arms and Ram, Newark. *Map Ref.*—H9 (England 6).

248. SHIRGARTON—Stirling, 10 miles; Perth, 40 miles; Glasgow, 26 miles; Edinburgh, 42 miles. Shirgarton Farm is situated on outskirts of Kippen Village. **Principal Families**—Augusta, Rosewood, Buttercup, Charity, Clipper. **Herd open for inspection**—Yes. **Visitors please ask for** proprietor (by appointment). **Nearest Station**—Stirling. **Principal Hotels**—Gleneagles; Deanstone House, Doune; Buchanan Arms, Drymen; Roman Camp, Callander; Golden Lion, Stirling. *Map Ref.*—D6 (Scotland 16).

249. TOLQUHON—16 miles from Aberdeen (north-west). Many roads direct to Tolquhon Castle, which is quite close. **Principal Families**—Rosewood, Augusta, Broadhooks, Princess Royal, etc. **Herd open for inspection**—Yes. **Principal Hotel**—Old Meldrum House nearest. *Map Ref.*—C8 (Scotland 7).

250. HORNDEN—Berwick-on-Tweed 8 miles Kelso 16 miles. From Berwick-on-Tweed take main road to Kelso along north or Scottish side of River Tweed. Farm lies on south side of main road, opposite Winfield motor racing circuit. Norham Castle is on opposite side of Tweed. **Principal Families**—Miss Ramsden, Myrtle Jilt. **Herd open for inspection** by overseas visitors. **Visitors please ask for** Mr. George Sloan, Miss J. W. Sloan, or Manager, John Stewart. **Nearest Station**—Norham-on-Tweed; main line—Berwick-on-Tweed. **Principal Hotels**—King's Arms and Castle Hotel, Berwick-on-Tweed. *Map Ref.*—E2 (Scotland 22).

255. CONNACHAN—From Perth travel 17 miles to Crieff, take Comrie road, ½ mile out of Crieff turn right at cross roads. Farm ¾ mile at roadside. **Principal Families**—Jilt, Goldie, Mysie, Roan Lady. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. H. McCall Smith. **Nearest Station**—Crieff. **Principal Hotels**—Drummond Arms, Crieff (11 miles); Gleneagles (9 miles); Station, Perth (18 miles). *Map Ref.*—D7 (Scotland 11).

254. PITODRIE—Approximately 22 miles from Aberdeen; 6, from Inverurie; 89, from Inverness. From Aberdeen, take main North road to Inverness. After passing through Inverurie take first road to left at sign-post "Chapel of Garioch." **Principal Families**—Broadhooks, Rosewood, Nonpareil, Orange Blossom, Goldie, Buttercup, Butterfly. **Herd open for inspection**—Yes. **Visitors please ask for** Mr. Laidlaw Smith. **Nearest Station**—Pitcaple. **Principal Hotels**—Gordon Arms and Kintore Arms, Inverurie. *Map Ref.*—C8 (Scotland 7).

257. RANKEILOUR—From Cupar, take main Kinross road for 3 miles, turn left towards Springfield for ½ mile to Lodge entrance—farm on right. From Ladybank, take Bow of Fife road for 2 miles;

farm entrance at Lodge on right. **Principal Families**—Augusta, Rosewood, etc. **Herd open for inspection**—Yes. **Visitors please ask for Farm Manager.** **Nearest Stations**—Ladybank or Cupar. **Principal Hotel**—Royal, Cupar. Map Ref.—D7 (Scotland 13).

260. BLACKTON:—45 miles from Aberdeen; 9 miles from Turriff; 5 miles from Banff, and 17 miles from Huntly. From Banff, take Aberchirder road for 4 miles and turn right at cross roads with sign post "Pole of Itlaw," and the farm sign post is about $\frac{1}{2}$ mile up the hill. From Huntly take Banff road via Aberchirder and pass straight through Aberchirder for another 5 miles and look for sign post "Pole of Itlaw." **Principal Families**—Augustas, Broadhooks, Buttercup, Clippers, Rosewoods, Beauty, Floss. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. J. Stephen,** by appointment. **Nearest Station**—Banff Harbour Station. Will meet any train on receiving phone call. **Principal Hotels**—Fife Arms Hotel, Banff (licensed; Prop., Trust Houses Ltd.); Seafiel Private Hotel, Banff (Prop., Mr. W. Wilson). Visitors are always welcome to stay at the farm for a few days if they have any difficulty in getting accommodation. Map Ref.—B8 (Scotland 7).

262. MILLHILLS:—From Perth, take Crieff road for 15 miles, pass through Gilmerton and take first road on left (Highlandman Station). Go over first cross roads and turn left at second cross roads. The Farm is half a mile along that road. From Stirling, take Crieff road, enter Crieff over bridge and take first turning to right. The Farm is two miles along that road. From Gleneagles, go to Crieff and proceed as above. **Principal Families**—Scottish Buttercup, Fair Clipper, Blood Royal, Proud Princess, Alexandrina, Augusta, Golden Bud, Bridesmaid, Broadhooks, Dorothy, Eliza, Jealousy, Lavender, Luxury, Mysie, Pauline, Queen of Rothes, Rosebud. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Duncan M. Stewart.** **Nearest Station**—Highlandman. **Principal Hotels**—Gleneagles, Auchterarder; George, Drummond Arms and The Hydro, Crieff. Map Ref.—D7 (Scotland 11).

266. BALBITHAN:—From Aberdeen, take Inverurie road and at Kintore turn right at square, then first left over level crossing and over river bridge. Bear Left again past golf course till you reach cross roads. Road to Balbithan House is one now facing you. For Shorthorn farm, Hogholm, turn left, farm 2nd on left. For visitors from North turn left at Kintore Square and proceed as above. **Principal Families**—Augusta Rose, Augusta, Clipper, Crocus, Golden Bud, Dorothy, Rosewood. **Herd open for inspection**—Yes. **Visitors please ask for Mr. or Mrs. James Stott.** **Nearest Stations**—Kintore or Inverurie. **Principal Hotels**—Kintore Arms, Banks of Ury and Gordon Arms, Inverurie. Map Ref.—C8 (Scotland 7).

269. PHILORTH:—From Aberdeen (40 miles), main road to Fraserburgh. Farm is two miles on Aberdeen side of Fraserburgh, on the right coming from Aberdeen. From Inverness (100 miles), follow coast road via Elgin, Banff and Fraserburgh; two miles from Fraserburgh on the left going to Aberdeen. **Principal Families**—Broadhooks, Orange Blossom, Butterfly. **Herd open for inspection**—Yes. **Nearest Station**—Fraserburgh. **Principal Hotels**—Saltoun and Royal. Map Ref.—B8 (Scotland 7).

270. ANICK:—White House Folly lies $4\frac{1}{2}$ miles north-west of Alnwick on the Alnwick-Eglington-Woller road. Proceeding north, at Alnwick turn left at Alnwick Castle and follow the Alnwick Park wall for approx. 3 miles when you will come to a sign post marked "White House Folly, 1 mile." **Principal Families**—Miss Ramsden, Primrose, Marigold, and Wimple. **Herd open for inspection**—Yes. **Visitors please ask for Mr. John Ternent.** **Nearest Station**—Alnwick ($4\frac{1}{2}$ miles). **Principal Hotels**—The White Swan and The Plough, Alnwick. Map Ref.—E8 (England 1).

273. UPSALL:—From Thirsk, take Stockton road for 1 mile, at South Kilvington turn right, after 3 miles Castle and two farms are on right. **Principal Families**—Augusta, Miss Ramsden, Marigold, Broadhooks, Princess Royal, Mina, Jilt, Lady Dorothy, Elizabeth. **Herd open for inspection**—Yes. **Visitors**

please ask for Mr. F. Welful, Castle Farm. **Nearest Station**—Thirsk. **Principal Hotels**—Golden Fleece, Three Tuns. Map Ref.—G9 (England 4).

275. CRAIGEASSIE:—Approximately 6 miles from Forfar and 9 miles from Brechin. From Forfar, take main North road for Aberdeen for 4 miles, branch left to Justinhaugh Hotel, then left again; first farm on right. Kirriemuir (Thrums), birthplace of J. M. Barrie, at the foot of the Grampians and entrance to some of the prettiest glens in Scotland, including Glen Isla, Glen Prosen and Glen Clova. Forfar—County town of Angus, is on the main Perth-Aberdeen road—a town surrounded by fertile Angus, specialising not only in one branch of farming but nearly all its branches, dairying, cattle, arable and fruit. It has always been a market town and to-day it is probably fulfilling its function more successfully and with greater profit than it has ever done in all its long history. **Principal Families**—Broadhooks, Clara, Goldie, Eliza, Flossie, Rosewood. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Ian B. Walker or Manager, Andrew B. Murdoch.** **Nearest Station**—Justinhaugh. **Principal Hotels**—Jarman's and Royal, Forfar. Ogilvie, and Airlie Arms, Kirriemuir. Map Ref.—C7 (Scotland 10).

280. GRIMSTON:—From Malton, take the Scarborough road, and 2 miles out turn right at signpost marked Scragglethorp and Settrington, which is 5 miles from Malton. Elm Tree Farm House is in the village near to the school. **Principal Families**—Augusta, Broadhooks, Bessie, Blythesome, Goldie, Maude, Pauline, Rosebud. **Herd open for inspection** by overseas visitors. **Visitors please ask for Mr. Ward or Manager, Peter Rivis.** **Nearest Station**—Malton. **Principal Hotels**—Talbot, Green Man. Map Ref.—G9 (England 4).

281. CRICHTON:—15 miles from Edinburgh on the Edinburgh-Lauder road at Pathead, turn right. Crichton Castle (Ministry of Works) belonged to Bothwell, husband of Mary Queen of Scots. There is also on the farm a Picts house and a Roman fort. **Principal Families**—Broadhooks, Clara, Butterfly, Princess Royal, Lovely, Brawith Bud. **Herd open for inspection**—Yes. **Visitors please ask for Mr. R. H. Watherston.** **Nearest Station**—Edinburgh. **Principal Hotels**—Many in Edinburgh and The Stair Arms, Ford, Midlothian (2 miles from the farm). Map Ref.—E7 (Scotland 21).

287. CORSINDAE:—From Aberdeen, take the Alford road to Cluny Castle, proceed $1\frac{1}{2}$ miles from the turning off to Cluny, then first road on left for 1 mile. Distance from Aberdeen, 17 miles. **Principal Families**—Augusta, Princess Royal, Clipper, Beauty, Lavender. **Herd open for inspection**—Yes. **Nearest Station**—Aberdeen. Map Ref.—C8 (Scotland 7).

291 and 293. KILKEA:—Kilkea situated on the main road from Dublin to Cork and 42 miles from Dublin. **Principal Families**—Clara, Rosewood, Gipsy, Muriel, Princess Royal, Augusta, Jilt, Queen of Rothes, Butterfly, Lady Dorothy, etc. **Herd is open for inspection** by overseas visitors. **Visitors please ask for Mr. Wright.** **Nearest Station**—Magney. Visitors will be welcomed at house or met at Dublin or nearest aerodrome. Map Ref.—H4 (Ireland 21).

292. PRUMPLESTOWN:—From Dublin, take Carlow road via Naas, pass through Castledermot Village (44 miles). Take first turning on right (2 miles) and second gate on right. **Principal Families**—Queen Rothes, Goldie, Butterfly, Rosebud, Kora, Orange Blossom. **Herd open for inspection**—Yes. **Visitors please ask for Owner.** **Nearest Station**—Carlow. **Principal Hotels**—Royal Hibernian, Russell and Shelbourne, Dublin; Royal Arms, Carlow. Map Ref.—H4 (Ireland 21).

294. CAIRNDENE:—One mile from Kirriemuir on road to Cortachy. Farm is beside timber yard and sawmill. **Principal Families**—Clipper, Clara, Goldie, Princess Royal, Beauty, Golden Drop, and others. **Herd open for inspection**—Yes. **Visitors please ask for Mr. Donald Young or Herdsman, Chas. MacDonald.** **Nearest Station**—Kirriemuir. **Principal Hotels**—Airlie Arms and Ogilvy Arms. Map Ref.—C7 (Scotland 10).

Introductory

IF there is nothing new that can be added to the earlier history of the Shorthorn breed of cattle, there is much that could be recorded regarding the process of evolution which has brought the breed to its present high pinnacle of fame and achievement.

But that envisages a considerable task, scarcely possible of being satisfactorily accomplished within the scope of a booklet of this kind. Nevertheless, a word or two may not come amiss.

Shorthorn were first to emerge as an improved cattle breed, and the potency of the blood has been clearly demonstrated under the most varied conditions of climate and location. It laid the broad and safe foundation upon which the first reliable superstructure of an improved beef-cattle industry in this country was built, and in the passing of time, with the opening up of new world-centres of stock-raising, that process has been repeated, time and again, with renewed vigour and conviction.

In varying proportions, and by devious means, Shorthorns have influenced the advancement of all breeds and types of improved cattle.

They were the first to arrive in North America, to improve the Longhorns on the Western ranges and provide the copying stone of that great continent's vast present-day cattle industry. They were the first to arrive in the Argentine, to lay the foundation and set the pace for what turned out to be the greatest beef-producing effort in history. They were probably the first in Australia, certainly the first in New Zealand, and to-day in both these thriving producer-countries the process of evolution is at work again in the Shorthorn favour, and the demand grows daily. In South Africa, recognition of their inherent merit is overwhelming, and their domination of the cattle scene complete.

Breeders in many climates and countries have found the Shorthorn better adapted to their requirements than any other breed.

It is true, that in some respects to-day, here at home in the country of its origin, the Shorthorn is having to withstand one of those re-current critical onslaughts so fashionable in the cattle world.

But the era of false premises and untenable theories regarding the influence of hornless brows and colour-marked skins in the production of good red meat is drawing to a close.

When the substance and ruggedness vanishes and the Shorthorn blood begins to run thin in the cross-bred herds it will not be the Shorthorn breed but the others that will suffer by inference and comparison. Shorthorns, because of their earlier maturity, greater weight and vigour and fertility are vital factors in maintaining a high standard among commercial cattle, and inevitably the stockmen will once again call the Shorthorn bull to its traditional task of improving and up-grading.

In this booklet we have listed among other information, instances of that superiority which, given reasonable attention and good husbandry can logically be expected from a Shorthorn herd pedigree or commercial.

Our breeders are faithful to their great traditions. They are producing cattle backed by generations of dependable, constructive effort, tempered to the changing winds of modern demands. They have developed a uniform type which has lost none of those inherent qualities that earned for the Shorthorn in days past the title of "the one Cosmopolitan breed."

Shorthorns have made an outstanding contribution to improved living standards the world over. They have brought pleasure and security to breeders everywhere. If you are a prospective breeder of pedigree or commercial cattle they will do the same for you.

Historical

THE title of this chapter has been deliberately chosen because it is manifestly impossible in the small compass available to do more than briefly outline Shorthorn history.

The early histories of all breeds of cattle are based on somewhat uncertain data. Until Herd Books began to be published written records were practically unknown, and the first Herd Book to be produced was that compiled by George Coates in 1822, although certain of the short-horned cattle noted therein can be traced with some certainty further back than that.

It has been suggested that the Shorthorn traces at least part of its origin to the wild white cattle kept by the Earls and Dukes of Northumberland in the 15th Century and to the herds belonging to the Smithsons of Stanwick in the 17th Century, while it is known that the Aislabies of Studley Royal and others, were enthusiastic breeders of the cattle of their day.

The one fact that is certain, is that there were in the Tees Valley, around Darlington, a race of cattle known as Teeswaters, whose principal characteristics were large frames, good bone, capacity to attain great weight and a heavy milk yield.

The Collings Brothers

Actual irrefutable knowledge of these cattle, the forerunners of to-day's Shorthorns, really dates from the latter half of the 18th Century, and the story from that point on is usually, for the sake of convenience, divided into three periods : the era of the Collings brothers ; that of Bates and the Booth family ; and that of the Scottish improvers, an era dominated by the Quaker Amos Cruickshank, the Herdsman of Aberdeenshire.

The Collings brothers—Charles at Kelton and Robert at Barmpton, are rightly regarded as the pioneers of Shorthorn breeding. Through Robert Culley they had become acquainted with the methods of improvement so successfully pursued by Bakewell of Dishley in the development of Longhorn cattle and Leicester sheep.

The Collings founded their programme on the best available cows. The foundation of Charles' herd for example may be said to have been four cows asserted to have been the four finest short-horned cattle in existence at the time. Certainly one of them, Lady Maynard (originally called Favourite), and bred by Maynard of Eryholme, became the ancestress of many famous tribes and of bulls which contributed greatly to the creation of the Improved Shorthorn.

Robert, at Barmpton, also purchased cows judiciously from those who were known to have good cattle and in at least one instance he apparently showed greater discernment than Charles by purchasing for ten guineas the famous bull Hubback 319.

Hubback may even be said to be the first example of the now ubiquitous proven sire, for he was bought solely on account of the high quality of his calves from all manner of cows which he had been serving at a shilling a service.

Beginning with the best specimens from various sources and shrewdly applying Bakewell's principles the Collings brothers ultimately achieved the production of an animal with a sound constitution, with a frame well fitted to carry profitable flesh, of modern size, shapely and early maturity : with well-sprung ribs and short legs, good milking qualities and good hide.

The original improved Shorthorn, then, was a dual-purpose animal, bred for both beef and milk. Nowadays, although all strains trace back to a common origin it is proper to recognise that more than a century of specialised breeding to beef, or milk, requirements has produced two distinctive types that require separate treatment in the lists of breeds. The beef type of Shorthorn is the Scotch Shorthorn, known at the beginning of the 19th Century as the Aberdeenshire Shorthorn, an indication of the great part played in its development by Aberdeenshire breeders.

At the Collings dispersals (Kelton in 1810 and Barmpton in 1818), Thomas Bates of Kirklevington and Thomas and John Booth of Warlaby and Killerby were prominent buyers. It is from this point that the Booth and Bates era commences and the arrival of the Scotch Shorthorn on the scene becomes imminent.

Thomas Bates and Thomas Booth were more than contemporaries. They were in constant rivalry. Both bore the hall-mark of genius and individuality, and while their methods and aims were dissimilar, each in his own way left a distinctive impression on the breed.

Bates was an apostle of close in-breeding. Booth in early practice selected the best types of non-pedigree cattle and mated them with the best bulls bred by the Collings.

Bates claimed that his cattle were of the purest blood and the finest type in the Kingdom, although the time came when he realised that they were losing constitution and usefulness and required an infusion of fresh blood. It is interesting and significant to note that Amos Cruickshank attended the Bates Sale in 1850 prepared to buy at least one representative of the Duchess family, and did not buy any of them, for the simple and sufficient reason that he did not like them.

The Bates cattle eventually spread South into the growing industrial areas. The Booth cattle, which in type were stylish, characterfull, wide-framed, useful animals, showing strong bone and an even covering of flesh, spread North into Scotland to develop in the rich farmlands of the East.

The shrewd far-seeing Scotsmen had been watching and weighing up events in the South, and when they acted on their inherent intuition, they did so with some decision and enthusiasm.

Among the earliest of those who introduced the Shorthorn to Scotland were William Robertson of Ladykirk, near Berwick, and General Simpson of Pitcorthie, in Fife.

Scotland's Part

That was towards the close of the 18th Century, and Robertson bought stock from the Collings in three successive years, 1789-1791. He was at this time encouraged and assisted by John Rennie of Phantassie, in East Lothian, who eventually founded his own herd in 1818 and who in 1822 persuaded the Highland and Agricultural Society to institute fat stock classes at which for a number of years he won the leading honours, thus initiating for the Shorthorn breed a reputation for conformation, weight and early maturity.

Rennie, moreover is credited with being the man who sent the first Shorthorn bull to Aberdeenshire, but it was Captain Barclay of Ury, near Stonehaven, a fabulous character, one of the greatest sportsmen and athletes of his day, and singularly enterprising agriculturist, who was first to establish a herd of Shorthorns in the North-East. He began his operations about 1822 with stock bought from Mason of Chilton, and by his enterprise gave a remarkable stimulus to Shorthorn breeding in the country generally.

The efforts and achievements of these able and enterprising stockmen were of great value in demonstrating the adaptability of the Shorthorn. But there were greater triumphs to come.

Barclay of Ury held several Sales (he more than once rebuilt his herd) and on each occasion some of his animals fell into the hands of a group of far-seeing Aberdeenshire tenant farmers who were searching for good cattle to match their new and improving crops. Among them were Hay of Shethin, Hutcheson of Monyruy, Campbell of Kinellar and others, but it is Amos Cruickshank of Sittyton (a farm of which he held joint tenancy with his brother Anthony), who stands out as the improver to take his place alongside Booth and Bates.

Amos, variously known as the Herdsman of Aberdeenshire and the Sage of Sittyton was brought up to farming. Anthony was nurtured in a commercial atmosphere, but his business capacity and his instinctive love of farming activities exercised a fine influence on the enterprise that was to result in such far-reaching consequences for the future stock-breeding of the world.

The ultimate achievement at Sittyton was to evolve a distinctive type, and it was the result of no sudden inspiration.

Anthony Cruickshank paid some attention to pedigree but with Amos, individual merit was the first essential and his aim was to breed and fix a type of easy-feeding, short-legged, thick-fleshed and compactly made butchers beast—a type that would suit the circumstances of the North and “pay the rent.”

Amos travelled far and wide in search of good cattle to breed from, and he would buy nothing that did not speak for itself. As a result of his constant

introduction of new strains his herd became thoroughly miscellaneous in its breeding but while he discarded many and had many disappointments he nevertheless built up a herd of the most vigorous constitutioned cattle to be found anywhere. He founded several of his famous families on cows that might have been rejected by others less discerning.

Then after thirty years of gleanng the best by extreme outcrossing he changed his methods ; he gave up the introduction of fresh blood from other sources and began to use almost exclusively home-bred bulls, although he never risked the dangers of too close in-breeding.

The Cruickshank Ideal

The bull that Amos Cruickshank regarded as the best he ever bred or used, and the one that contributed most to the finale of the Cruickshank-type, was Champion of England (17526). From his advent the bulls mostly used in the Sittyton herd were descended from him and there are few Scottish pedigrees that do not have an infusion of his blood.

Amos Cruickshank was a man of single purpose. He set out to produce a beast to pay the rent, and he did it. He bred for beef, but he understood and did not ignore the breed's milking ability. Up to the end the outstanding feature of the Sittyton cattle was their great wealth of natural flesh, and it is perhaps interesting to recall what the Sage's ideals of a Shorthorn were : He put constitution first, then flesh, followed by quality as judged by handling and conformation—straight, well-covered wide back and loins, long, wide, well-packed hindquarters, full twists and deep full thighs. He insisted on a strong masculine head in a bull but he deprecated the idea that rough, strong horns were an indication of vigour.

Amos Cruickshank was a remarkable man by any standard and not the least of his attributes, in importance for the Shorthorn breed, was that he was able to imbue his own countrymen with enthusiasm for his ideals. Among them were J. C. Grant Duff of Eden, William S. Marr, senr. of Uppermill who took up breeding in the early fifties of last century and established a herd that had unique success ; Sylvester Campbell of Kinellar, William Hay of Shethin, James Bruce of Inverquhomery.

His ideal also became the ideal of others who were feeling their way along when Amos Cruickshank was nearing the end of his life's task, but the mantle fell upon William Duthie of Collynie whose epoch making career opened out another new era for the breed.

Few men were so close personally as Amos Cruickshank and William Duthie, and if he did not always follow the Sittyton method he stuck fast to the Sittyton ideals.

It was a fortunate circumstance for the breed that the Sittyton herd as sold in its entirety privately in 1889 was not shipped to Argentine which was the original intention. The herd was eventually dispersed at home and William Duthie who already possessed a rich infusion of the blood in his herd, secured thirty-five cows.

All who profess any knowledge of Shorthorn history agree and appreciate that William Duthie faithfully fulfilled the trust that was bestowed upon him. He displayed unerring instinct in carrying on the work begun by Amos Cruickshank. As an observer of the time wrote—"Amos Cruickshank built the edifice; William Duthie made it wind and water proof."

His place among the great stock improvers is secure and his share in creating the prosperity and unassailable position held by the breed is incapable of estimation.

With that brief comment on the contribution made by William Duthie our historical sketch of the development of the Scotch Shorthorns is complete.

The achievements of leading present day breeders are too recent for evaluation, even if it were not invidious to attempt it. But there are men of ability among them who have quite deservedly assumed the mantles worn with such distinction by William Duthie, Amos Cruickshank and the other patriarchs in their day and generation. A few have passed on. Those who remain are magnificently upholding their great traditions and the cattle they are producing confirm the earlier claim—each generation better than before.

Standards of Excellence

The distinguishing points which a good Scotch Beef Shorthorn should possess are briefly stated. Fundamentally they are the same for both sexes, with the perhaps rather obvious proviso that a bull be entirely masculine in appearance and a female essentially feminine.

There is one important general quality difficult to define. That is breed character, of paramount importance in a breeding animal. Perhaps it is best described thus—an animal should have the Shorthorn's well-balanced conformation, a gay carriage when walking, and it should leave a pleasant memory.

Here, then, is a brief description of the points to which attention should be given.

A good head is necessary in any breeding animal and the Scotch Shorthorn is generally better equipped in this respect than most breeds. The head of the bull should be broad and massive. A dish on the forehead is undesirable. In the cow the head should be sweet and fine. The head should always be well "furnished." The horns are of much greater importance than is generally believed. They should be oval in shape, creamy white in colour, waxy in texture. For virility they should carry their thickness right to the point. They should emerge from the side of the head rather than the top, curve slightly downwards and not rise above the crown. A puny horn goes with a poor condition, and a hard, round or black, horn denotes hard thin flesh.

The eyes are most important. They should be wide apart and well to the front of the skull. A prominent but not glaring eye, bright yet placid, denotes good health, good nature and an ideal feeding constitution. A glaring eye reveals a nervous disposition.

The nose should be short and broad, with the nostrils wide and flaring to allow of free breathing. A black or smutty nose is undesirable. The mouth should be wide and greedy, and the underjaw strong, to cope with its work.

The head should be set neatly back on a neck that is neither too long nor too short, and in the male it should have a well-developed crest. The neck should blend into flat sloping shoulder-blades, the tops of which should be set well apart and be well fleshed-up between.

A Square Block

Forelegs should be short and sturdy, and when viewed from the front should be set well apart, to allow plenty of room for the heart and lungs and a well-developed brisket. Toes should point directly forward.

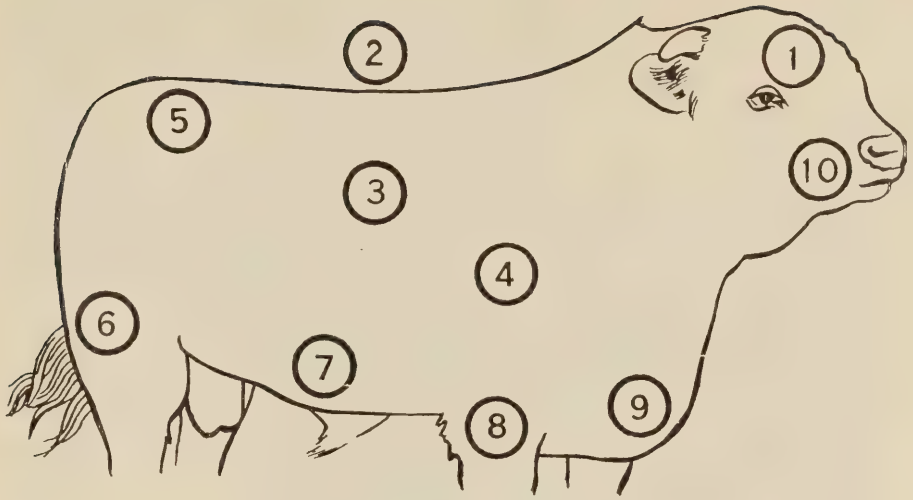
The Shorthorn is a "square block with a leg at each corner." The top and underlines should be straight, and the top broad to tail head and evenly covered in soft flesh. Well-sprung deep ribs should fit evenly behind the shoulder-blades and should be carried back nearly to the hook bones which should be nicely turned down and "buried." Width and smoothness should be carried back through long plates to the pin bones. The tail should be neatly set in, with a soft, full rump.

This same width of meat should be carried down to sturdy hocks set fairly wide and pointing directly to the rear. Hind legs should be short, with strong, flat bone. They should be correctly placed to carry weight.

The carcase should be evenly covered in soft flesh and the skin should be soft and silky, and mellow to the touch without being "papery."

The breed is popularly known as "The Red, White and Roan" and these are the colours. White in large splashes is not desirable.

The diagrams and snapshots which follow give a more detailed idea of the general picture. The photographs, as must be obvious, are not of any particular animal. Neither have these been specially posed for the purpose. They have been selected at random from the pictures available.

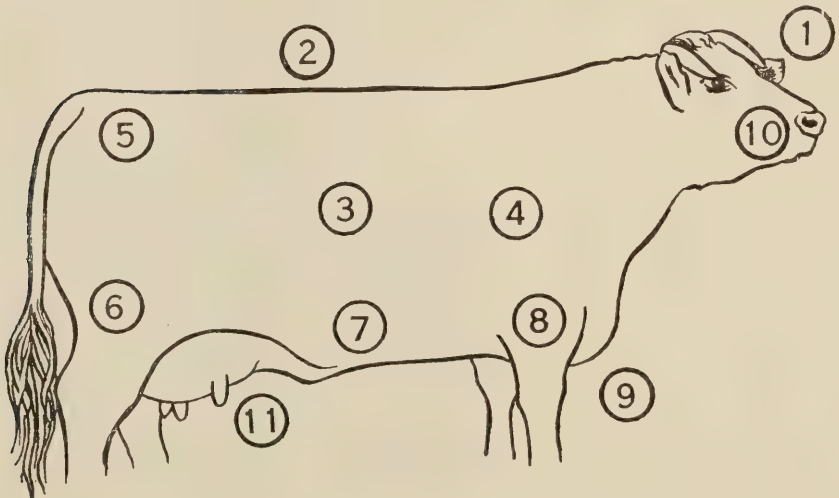


BULL

1. Strong, masculine head.
2. Wide top, well covered.
3. Good spring of rib.
4. Well let-in shoulder.
5. Smooth plates with tail well set in.
6. Long quarters.
7. Straight underline.
8. Good forearm.
9. Deep brisket.
10. Last, but certainly not least, a wide muzzle with sound lower jaw.

COW

1. Sweet, feminine head.
2. Wide top, well covered.
3. Good spring of rib.
4. Well let-in shoulders.
5. Smooth plates with tail well set in.
6. Long quarters.
7. Straight underline.
8. Good forearm.
9. Deep brisket.
10. A wide muzzle with sound lower jaw.
11. The udder should be well formed, and come back full between the hind legs.





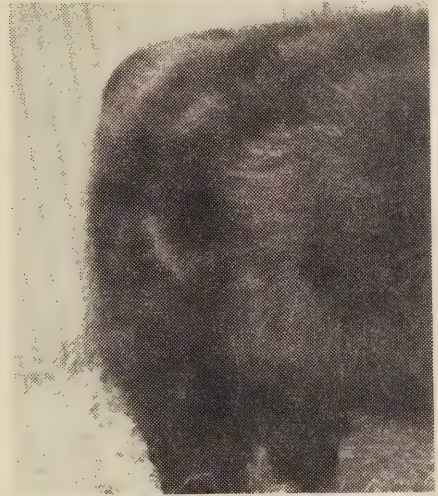
Symmetry and balance, depth, width and rectangular form, levelness of lines, close coupling and smoothness, deep behind and long from hooks to pins. Strong masculine head, good jaws, well filled over the heart, plenty of width in front. The whole set on short, sturdy, well-boned legs.





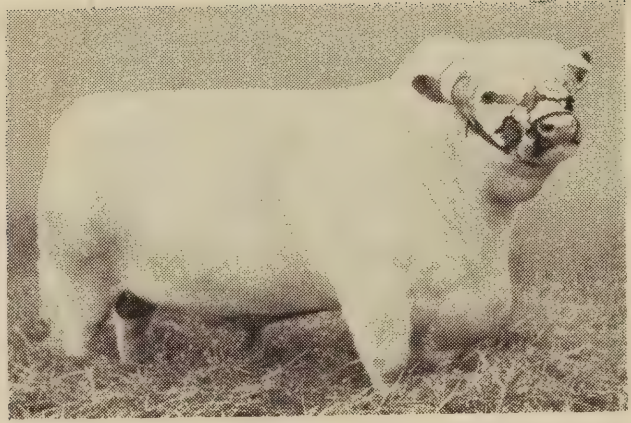
Width and smoothness
of loins, well fleshed over
ribs and shoulders, deep
flanks.

Length from hips to pin bones,
level rump and short coupled.
Again great depth of middle.



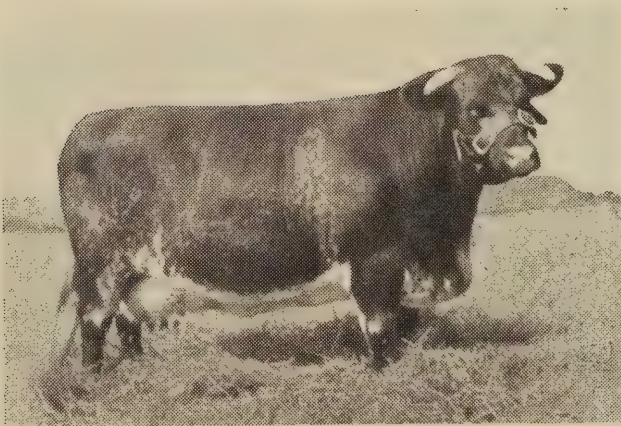
From head to tail the Shorthorn
satisfies. Square and full and
legs wide apart.

Erimus Ghost



SUPREME OVER ALL

The ability of the Scotch Shorthorn to hold its own in any company was clearly demonstrated at the 1954 R.A.S.E. Show at Windsor. The two shown here were awarded the Burke Trophy over all breeds for the best pair of beef animals in the Show. The bull is Erimus Ghost, bred by R. S. de Quincey, The Vern, Hereford, and exhibited by the Lord Rotherwick, Lanfine Home Farm, Newmilns, Ayrshire. Sire, Aldie Laird by Chapelton Royalist ; dam, Rothes Queen Amanda by Kirkton Challenger. The cow is Princess Maude bred and exhibited by Jas. Durno, C.B.E., Uppermill, Tarves, Aberdeenshire. Sire, Uppermill Metaphor by Lawton Rear Admiral ; dam, Princess May by Uppermill Autocrat.



Princess Maude

Adaptability

The first problem confronting the would be breeder of pedigree or, for that matter, commercial cattle, is the choice of a breed best suited to the climate, land, and system of farming.

Wise men choose the Shorthorn because of its unrivalled adaptability.

Throughout the world the hardiness and constitution of Scotch Shorthorns are recognised as unsurpassed by any cattle of improved breed. They are the product of at least two centuries of consistent development and improvement, and to-day they can go anywhere and do anything. They thrive in time of plenty and can exist in good fettle in periods of scarcity.

The Scotch Shorthorn will quickly acclimatise himself to extremes of temperature. High altitudes, wind-swept plains, tropical heat have no terrors for him. He will maintain himself among improved cattle under any situation or circumstance and his progeny will inherit his quick-fleshing qualities while retaining the ruggedness of the dam.

The inherent truth of these claims cannot be doubted, for how else are we to explain the breed's continuing domination of the world market.

A few facts and figures may help to convince the sceptic.

The Scotch Shorthorn is found contributing to the welfare of mankind in Argentina, Australia, U.S.A., Canada, South Africa, Canada, New Zealand, Uruguay, Bolivia, Russia, Denmark, France, Paraguay, S.W. Africa, The Rhodesias, Columbia, Alaska, East Africa, Japan, India, Spain, Brazil, New Guinea, and still more countries. The picture conjured up is one of tremendous variety of climate and breeding conditions almost impossible to conceive.

The annual invasion of this country by overseas breeders looking for good cattle with which to build up and maintain the beef production of their homelands gets bigger every year—and every year the Shorthorn heads the export statistics.

Let us take by way of proof, the figures for two separate periods. From 1922 to 1933, both inclusive, the average number of Shorthorns exported annually was 388 head. From 1947 to 1954, both inclusive, the total of Shorthorns exported was 3,488, an annual average of approximately 435.

The point to note is that the period 1922-1933 covers an era of boom conditions followed by rapid depression in agriculture generally. The latter period, to date, has been one of continuing prosperity and demand for beef. The Shorthorn, as an export breed at any rate, has had the best of both worlds!

There is no breed that has had, or that will have, so universal an influence in the annals of livestock improvement, and we need not have any doubts regarding the continuance of this beneficial influence for at the time of this booklet going to the printer, we have reports from the world over of the breed's entrenchment in the traditional markets and its increasing strength in the newer ones.

Weight For Age Superiority

We have said that although the Scotch Shorthorn bull does not colour-mark his progeny, he possesses in greater degree than bulls of any other breed the prepotent capacity to pass on his inherent good qualities to his stock.

One of the greatest of these qualities is early maturity.

To-day in Britain far too many immature cattle are being sold in the effort to meet the demand for so called lean meat. Without doubt this must have an adverse effect on economic production.

The alternative should be to produce more mature cattle, and the quicker these reach maturity the more economic it is.

More widespread use of the Scotch Shorthorn bull, for that matter, greater use of the Shorthorn cow, more herds of commercial Shorthorns, more and more Shorthorn crosses, would go a long way towards providing an answer to the problem.

The early maturing ability of the Scotch Shorthorn is a matter of traditional acceptance. But it is also a matter of practical present-day proof.

The most recent available statistics of the Argentine Junta Nacional de Carnes establish that 80 per cent of the chilled and baby beef exported to the United Kingdom since 1920 has been Scotch Shorthorn beef.

The reason given is that Shorthorn at 18 months average 480 kgs. of chilled beef, whereas Angus at a much older age average only 450 kgs.

Official experiments in North America tell the same story of the Shorthorn's weight-for-age properties. The phrase used in the report of one U.S.A. experiment to describe the Shorthorn's lead over all others was "predictable advantage."

The detailed results of progeny and gain-testing in a recent experiment at Canada's Federal Experimental Station showed that the most meat at the least cost among thirty-nine animals of all breeds on feeding test was put on by Beef Shorthorns.

A Canadian agricultural writer has remarked : " However far it may be from the intention of the authorities many feeders will make these experiments to determine values of different breeds for meat production apart from performance in the show-ring."

Only this year (1955) Beef Shorthorns—Scotch Shorthorns—won for the fourth year in succession the Michigan Beef Cattle Feeding Project, the United States national experiment supervised by the animal husbandry department of Michigan State College and designed as a model for U.S.A., for arriving at the merits of the beef breeds and their blood-lines.

Nothing is left to chance in the project. The entries are judged on the hoof in the usual way, and in this competition the Aberdeen-Angus entries were given the championship and reserve.

But in the rate-of-gain contest the Shorthorns walked off with the six out of the first ten places. Last year they had nine out of ten.

The steer which was placed first in the rate-of-gain contest was a 1000-lb. Shorthorn, a grandson of Cruggleton Bounce.

The top ten winners in the rate-of-gain contest and the average daily gains were :—1, Shorthorn (2.8 lbs.) ; 2, Shorthorn (2.6) ; 3, Hereford (2.4) ; 4, Shorthorn (2.38) ; 5, Shorthorn (2.36) ; 6, Hereford (2.33) ; 7, Shorthorn (2.22) ; 8, Shorthorn (2.2) ; 9, Hereford (2.2) ; and 10, Aberdeen-Angus (2.14).

There were 11 Shorthorn, 15 Herefords, and five Angus in the contest, and the average daily gains of the respective breeds was : Shorthorn, 2.1 ; Hereford, 1.9 ; Angus, 1.9.

Shorthorns also won the production trophy with the steer that was placed seventh in the rate-of-gain contest and sixth in the open show. On the basis of 50 per cent for feeding ability and 50 per cent for showing, this steer also won the combination class.

In this same Michigan experiment in 1954 of the first ten places, no fewer than nine went to Beef Shorthorns. The Shorthorns made an average daily gain of 2.221 lb., and the issued report of the project stated that " the predictable advantage shown by Shorthorns, especially at younger ages, is in line with general results, which show that Shorthorns lead in early maturity as well as economy of gain." It is worthy of note that in yet another U.S. investigation, in which calving percentages were taken into account, the Shorthorn percentage of live births was considerably higher than that of other breeds.

There can be no argument about results based on such practical tests.

One of several interesting and educational cattle displays at the 1954 Chicago International was an exhibit sponsored by the Norris Cattle Company, Ocala,

Florida. This firm has widespread cattle interests which include supervision of approximately 10,000 commercial cattle and 2,000 pure-bred Brahms.

Included in the exhibit were Brahmas crossed with Herefords, Angus and Shorthorns. The Shorthorn cross resulted in the most beef-on-the-hoof at 22 months of age.

In its country of origin the Shorthorn does not get the same opportunity from experiments of this nature to prove its worth—though it does so in practice.

But on at least three occasions at Smithfield Club's Fat Stock Show since it was reconstructed in 1948, a Shorthorn has returned the highest average daily gain and in one case where an outstanding gain was shown by a cross-bred the Shorthorn blood was at work again.

Reports from U.S.A. state that the success of the Michigan Project is attracting widespread attention, creating growing enthusiasm for progeny testing of beef bulls and causing many breeders and feeders to doubt the efficiency and value of the present normally accepted showyard standards as applied at fat stock shows.

The number of sales featuring gain-tested grade of crossing bulls is increasing, and buyers are tending more and more to correlate daily gains in making their selection of bulls and commercial heifers. At a recent sale in Idaho at which the daily rate of gain statistics were supervised by Idaho University, 15 head of commercial Shorthorn heifer calves created a record by selling at 100 dollars per head. They averaged 400 lbs. and were all sired by gain-tested bulls.

With more and more weight being lent by practical men such as Mr. John Cumber to the plea for the institution of some organisation to conduct research into beef production involving progeny testing, gain testing, etc. in the United Kingdom, it should not be long before the Shorthorn is able to give these indisputable and illuminating demonstrations of superiority on its own doorstep.

THE NAEMOOR SHORTHORN HERD

The Property of

Major R. Moubray, Todrig, Greenlaw, Berwickshire



VISITORS WELCOME

Tel. Kelso 113



Present Stock Bulls (1955):—

CALROSSIE	DEFIANCE
NAEMOOR	REMEDY

Crossing Value

For production of beef cattle, where progeny are to be slaughtered, cross-breeding has special advantages, because, between breeds defective characteristics tend to disappear and good ones to improve.

The great bulk of the beef produced in Britain is got from cross-bred cattle as opposed to the policy in such as Argentina and to a great extent Australia, where it is all produced from pure-bred stock.

But there are a number of known bad crosses, and, in current circumstances of unprecedented need for increased beef production it has become fairly obvious that a few of these bad crosses are involved. To a great extent we can blame the colour-marking ramp for that.

The first cross traditionally recognised in this country as being the best foundation for beef production is that between the Scotch Shorthorn and Aberdeen-Angus. Quite recently Capt. John MacGillivray stated publicly that this cross was the best sixty years ago, was the best now, and would be the best sixty years hence.

But there are other grand beef-making crosses and in every case the Scotch Shorthorn is, or should be, involved. If adaptability is one of the foremost assets of the breed it has others no whit less valuable.

The Scotch Shorthorn bull, in greater degree than bulls of any other breed, die-stamps his basic qualities on his stock from all manner of cows. The two basic qualities of profitable beef production are (a) maximum flesh on the valued portions of the carcass, and (b) maturity in the shortest possible time. The Scotch Shorthorn bull possesses these qualities in high degree. From cows of all other breeds, even dairy, he produces a quick-maturing feeder that is universally acceptable. The Scotch Shorthorn dam, mated to bulls of other breeds bequeaths to her calf much of Shorthorn inheritance in substance and ruggedness. The Shorthorn cow indeed is the cow upon which all other breeds have built up reputations in the crossing business.

No Real Rival

It is upon this ability to reproduce its own quality and character that the Shorthorn bases the claim to be the world's greatest improver of thin-fleshed cattle. Viewed simply as a means of improving the standard of non-pedigree or commercial cattle, the Scotch Shorthorn bull has no real rival, for his first crop of calves, whatever the dams, will show unmistakably the impress of the sire.

It seems to be generally accepted that the two likeliest methods of achieving any considerable rapid increase in beef production in this country are to put more breeding stock on the hills and marginal lands which must of necessity be a long-term policy, or to get it via the national dairy herd.

In both instances it is quite remarkable how unanimous is the weight of opinion of men of real practical experience as opposed to the theorists, that the Scotch Shorthorn bull is fundamental to success.

As regards the first possibility, if more beef is to come from the hills it must come from the use of recognised hill breeds and not from the nondescript stock too often used, and this envisages in the first place a great increase in the numbers of Highland and Galloway females.

It is notable and significant that the Shorthorn bull has for long been recognised as the one to use on these two unrivalled hill breeds for the production of early-maturing beef steers and cross heifers for further breeding.

It is accepted that the profitable disposal of the males of a pure hill breed is frequently something of a problem. It is a problem which does not arise when the male calves are by a Shorthorn bull. The Galloway cross with the white Shorthorn bull gives the famous Blue-Grey of wide popularity as a yard-fattener which in time produces an unsurpassed carcass. Incidentally, this is the true and original Blue-Grey.

John A. Cameron of Glenfinlas, widely experienced in hill farming and hill cattle, states quite categorically, "While generally recognised as the universal first-cross improver, I do not know that the Scotch Shorthorn anywhere exercises a more valuable influence than when used on either the Galloway of the Highland female . . . I am certain that the first cross of either gains in constitution."

The Highland cow because of her hardihood and longevity forms an excellent foundation for a hill herd, but there is widespread agreement that the Scotch Shorthorn-Highland cross is equally hardy and produces a much more readily saleable steer calf. The worth of this cross was recognised years ago by Thomas Bates who in his earlier years experienced in crossing the Shorthorn and the Kyloe.

One of the earliest ventures (since proved most successful) in re-introducing cattle to the Scottish hills was that of Ben Challum Ltd., behind which were Duncan M. Stewart of Millhills, and Sir Jas Denby Roberts, Bt. They make no bones about the worth of the Shorthorn/Highland cross.

Dr. Allan Fraser in his book "Beef Cattle Husbandry" states the Shorthorn was "The most common cross with the Highlander in my youth . . . The crossing with the Aberdeen-Angus came later and was not altogether favourable to the old Highland breed. For in contrast to the excellence of the cross between Shorthorn and Highlander, 'the Highland cow and the Angus bull is a known bad cross.'"

Examination of the possibility of greater production of beef type calves from poor yielding cows in dairy herds uncovers the same solid weight of practical opinion in favour of the Scotch Shorthorn bull for a first and even a second cross on, for example, the Ayrshire cow.

William Young of Skerrington Mains, one of the foremost Ayrshire breeders wrote in an article in the "Scotch Shorthorn Record"; "Except the Ayrshire bull the only bull to use on an Ayrshire cow is the Scotch Shorthorn bull."

One result of the swing to beef in this country has been an increase in the number of commercial Shorthorn herds as distinct from pedigree herds. Similar reports are being received from U.S.A., Canada, and Australia. What is even more interesting as regards North America is that more and more producers using other breeds are beginning to introduce Scotch Shorthorn bulls to their range herds in an endeavour to stamp out recessive abnormalities.

The most popular and successful cross in North America is that between Shorthorn and Hereford. The A.7 Ranch owned by Cross Bros. in Alberta, has long been famed for one of the leading range herds. At this ranch a systematised programme of crossing Shorthorns and Herefords has been carried on for more than a quarter of a century. In Western U.S.A. the Chewacan Land & Cattle Co. in Oregon, and the H. Moffat Co. in Nevada, the largest outfits in those parts, follow the same principal. Canada sells hundreds of Shorthorn crossing gulls annually to United States range herds.

A final example from U.S.A. In 1949 the Browning Bar B. Ranch, which for years had maintained a rigid programme of using Hereford bulls and had culled the breeding cows, began to investigate the reason for lack of outstanding results. They kept coming back to the fact that years back most of the cows showed Shorthorn/Hereford breeding. They suspected that, as the Shorthorn was bred out, the size of the cattle was being reduced and the milking qualities of the females was being lowered. Now the Bar B. Ranch runs more Shorthorn bulls than Herefords and the results have been outstanding.

In South Africa the Shorthorn/Africander is regarded as out on its own. Of the so called "new breeds" the most successful of all, the Santa Gertrudis, is $\frac{3}{8}$ Shorthorn.

Statistically, this indispensability of the Scotch Beef Shorthorn bull in cross-breeding for beef can be proved beyond doubt.

Taking figures from Smithfield, and again taking two separate and distinct periods, we find that between 1920 and 1933, cross-bred entries totalled 1,165 of which 944 or over 80 per cent showed Shorthorn blood. Of the 459 first cross animals 389 or 84.7 per cent were half Shorthorn; of 505 second and third cross animals 392 or 81 per cent were of Shorthorn blood. And the Shorthorn is found to have been crossed with 15 other breeds. In the carcase competition, out of 201 entries, no fewer than 163 showed the Shorthorn cross.

To take a more recent period, 1949 to 1954 inclusive, we find that 50 per cent of all first-cross prize-winners were half Shorthorn and of the total first-cross entries, close on 90 per cent were bred to that prescription. Of the second and third-cross entries, the percentage showing Shorthorn blood was even higher.

Remember that since 1949 when Smithfield re-started after the War, no fewer than three of the supreme champions have been 50 per cent Shorthorn breeding, one of them being three-quarter Shorthorn.

Individuals may differ as to the precise proportion of Shorthorn blood essential for the production of high-grade commercial beef cattle. But they agree as to the absolute necessity of the Shorthorn cross.

A Beef Maker Without Rival

The pictures on the following pages emphasise the beef-making abilities of the Shorthorn sire.

The pictures have been selected at random but the representative nature of the collection is ample testimony that the good Shorthorn bull will leave progeny that will hold their own in any company.

Underlined too, is the claim that fundamentally, as far as Scotch Shorthorns are concerned, there is no radical difference between the breeders' bull and the good crossing bull. Beef is the ultimate aim.

In several cases, as regards the pure-bred animals the sires have themselves been noted show beasts and have at the same time produced sons and daughters that have proved themselves as breeders of high class stock.

There is another aspect of the Shorthorn influence that is worth a moment's thought. It is just as interesting as a recent issue of the "Farming News" pointed out, to consider the cows out of which good calves are bred. Most of these shown here are by Shorthorn sires; but there has been many cases recently of all credit for prizewinning and high-priced cross calves being given to a colour marking sire, no note being taken of the dam, which has very often been a Shorthorn or Shorthorn first cross.

The influence of the Scotch Shorthorn in beef production is far more than skin deep. It is a perpetuating influence that keeps on its beneficial way.

As Dr. Allan Fraser, a neutral with no axe to grind, so emphatically states in his book "Beef Cattle Husbandry"—"It is the fact that the Shorthorn does not colour-mark its calves that is the strongest argument against the whole principle of colour-marking. If the Beef Shorthorn has ever had any influence upon the world's cattle it is in putting a beef frame on this fleshed cows . . . To scrap the Beef Shorthorn or to prevent the full utilisation of its most important economic qualities merely because it fails to colour-mark its calves would be to make too great a sacrifice to applied genetics. . . ."

"It is of far greater importance to discover the most commercially useful crosses between different breeds and then exploit them to the full."

Milking Ability

In recent years there has arisen a feeling that the pedigree Scotch Shorthorn is deficient in milking qualities. That belief is quite erroneous.

Amos Cruickshank set out to evolve an animal that would "pay the rent"; an animal easy to feed, thick-fleshed, compactly built and a good milker. His successors have adhered to his principles. Beef is the ultimate aim, but the importance of milk is not overlooked.

The Scottish breeder of pedigree Scotch Beef Shorthorns does not as a rule milk record his cows. Much more of that has been done in Ireland. But a few have done so, or are doing so now, and there are enough sufficiently authenticated

statistics available to show that there are still to be found in Scotch Shorthorn herds, animals whose yields offer favourable comparison with the average in the purely Dairy herds.

The examples quoted now have been taken at random, and they cover a long period of years. They do not by any means convey an overall picture of the milking ability of the Scotch Shorthorn cow. They are merely intended to show that this beef breed without rival in its field, still retains inherent ability to milk well.

Judged by the level of modern milk records the figures we give are not exceptionally impressive. The noteworthy fact is that they are being obtained, or have been obtained from Shorthorns of pure beef type.

To quote Dr. Allan Fraser (who has often referred to the worth of the Scotch Shorthorn). "They must make any open-minded observer question whether the sacrifice of beef to milk, the result of policies of the last two decades, is necessary. He may even come to wonder if it is sensible."

Although, no doubt, it would be possible to find examples further back in history we start our catalogue with George Taylor of Cranford, the celebrated Dairy Shorthorn breeder. He bred his great stock bull Beau Sabreur by mating a Dairy Shorthorn cow with the Cruickshank-bred bull Leonidas, of the Lovely family.

Then, Primrose Gift, the beautiful Royal winner of the Dairy Shorthorn prize at the Royal Shows of 1914, 1915 and 1916, taking milking qualities into account, was sired by Good Gift 91889 (bred by James Durno at Uppermill), a Scotch bull of the Bellona family.

Calrossie Roan Flora was a Highland show winner that gave five gallons per day after calving. She could rear two heifer calves and could easily take her bull calf to Perth. She was typical of the best type of Scotch Shorthorn and would have gladdened the heart of Amos Cruickshank.

But these records are not unique. From the herd of pedigree Scotch Shorthorns inherited from his father, Mr. John Harrison of Gainford has returned some remarkable statistics. The first twelve heifers to be bred off the Scotch bull, Stonelands Royal Ensign, averaged approximately 750 gallons in their lactations and produced their first calves at the average age of 2 years and 4 months. Stonelands Royal Ensign was sired by Collynie Royal Eagle out of Princess Isobel by Bridgebank Romance.

Consider the beef breeding behind these heifers. Gainford Dainty 4th gave 666 gallons in 283 days with her first calf. Her dam was Collynie Blyth Dainty by Calrossie Blyth Prince. Gainford Broadhooks 24th had as dam Gainford Broadhooks 11th by Gainford Rapture, and her milk yield with her first calf was 749 gallons in 315 days. Gainford Sybella 2nd was out of Scilla's Secret 10th by Collynie Canmore and her milk yield was 604 gallons in 315 days.

There are in the Millhills herd to-day cows that have given up to 850 gallons. There is Blood Royal 22nd (thirteen years old) of the true Collynie Princess Royal family that came to Millhills forty years ago. Blood Royal 22nd gave 8305 lbs. at 3.79 per cent butter fat in 305 days. Her sire was the noted Collynie Elect, by Aldie Conqueror the great sire also of Collynie State Express that sired Kirkton Baronet; and her dam was Collynie Eliza 15th by Rosehaugh Mandarin. Balcairn White Eagle appears on both sides of Blood Royal 22nd's pedigree.

Also by Collynie Elect is Millhills Dorothy 13th, a twelve-year-old cow that has given 8029 lbs. at 3.7 per cent butter fat in 305 days. The Millhills Dorothy's, like the Lawton Dorothy's, descend from Rosehaugh stock.

Irish breeders of Scotch Beef Shorthorns have done rather more in the milk recording line than their Scotch contemporaries.

Prumplestown Oriel was reserve champion at the Royal Dublin Society's Show in 1945. Study his breeding and the milk record of his dam. Oriel's sire was Calrossie Royal Sovereign, his dam Prumplestown Orange Blossom 2nd by Prumplestown Quartermaster. His dam gave 701 gallons in 39 weeks at the age of 6 years 1 month. Subsequent yield, 803 gallons in 45 weeks at the age of 6 years 11 months.

Prumplestown Rover (supreme champion at the Royal Dublin in 1940) was another son of Calrossie Royal Sovereign. He sired Fortune Lord Randolph winner of the supreme championship at the 1944 Palermo Show. Rover's dam was Prumplestown Queen of Rothes by Balmuchy Ringleader and she was giving at the time 500 gallons in 23 weeks and averaging $2\frac{3}{4}$ gallons a day.

Other high yielding cows by Scotch Shorthorn sires include Golden Wonder—805 gallons in 34 weeks at 4 years old ; Granville—786 gallons in 45 weeks at 4 years old ; Glenanne Nonpareil—758 gallons in 42 weeks at 4 years old ; Broom-mount Eliza 20th—680 gallons in 42 weeks at 4 years old.

In conclusion, and to bring this article on the milking ability of the Scotch Beef Shorthorn up to date, let us consider for a moment the results of the 1955 Royal Dublin Show and Sale held in March.

In the Beef Shorthorn classes the reserve championship was given by an umpire, to the bull Letterkenny Pathfinder that went on to win the Supreme championship of the Dairy Shorthorn section. The reserve to him for the Dairy Championship was Letterkenny Golden Stroke 2nd which sold at 1,300 gns. to the Eire Department of Agriculture. Now Golden Stroke 2nd is by Letterkenny Masterstroke that was by Claggan Masterstroke (by Killane Dante by Kilkea Ranger) out of Letterkenny Millie 4th by Prumplestown Blenheim. Beef breeding all the way, and Letterkenny Golden Stroke's own dam, Letterkenny Lady Sweet is also by Prumplestown Blenheim. She gave a registration yield of 10,439 lbs. in 45 weeks at 4.6 per cent butter fat.

The milking qualities of the Scotch Shorthorn then, are too often overlooked. They simply await development. This does not mean that the Scotch Shorthorn cow is a potential "milk factory." It does mean that in the right hands she is still the cow to pay the rent, and is the cow the commercial breeder should be searching for to-day.



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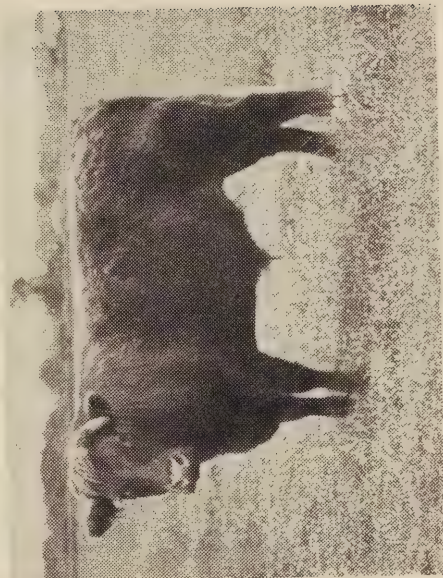
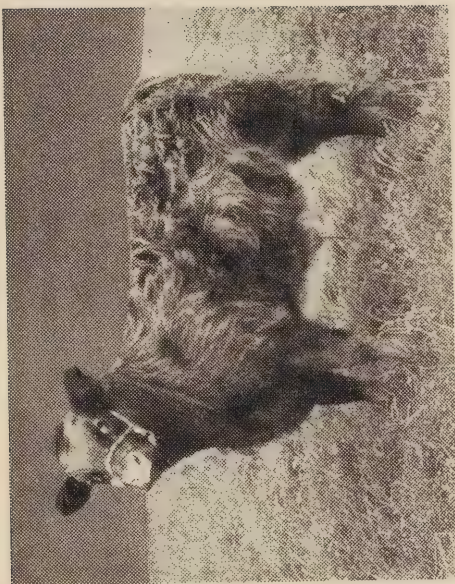
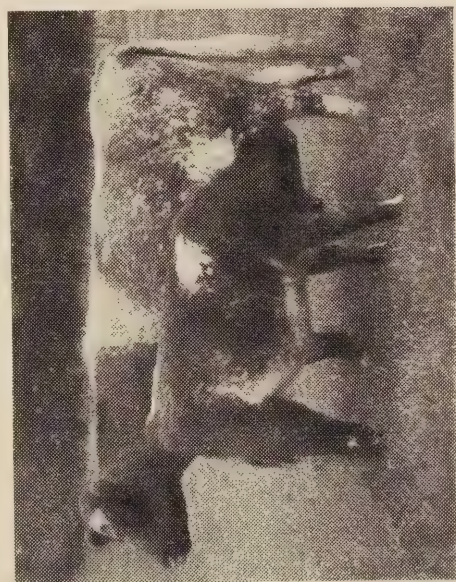
Thick fleshed cattle produce thick fleshed cattle



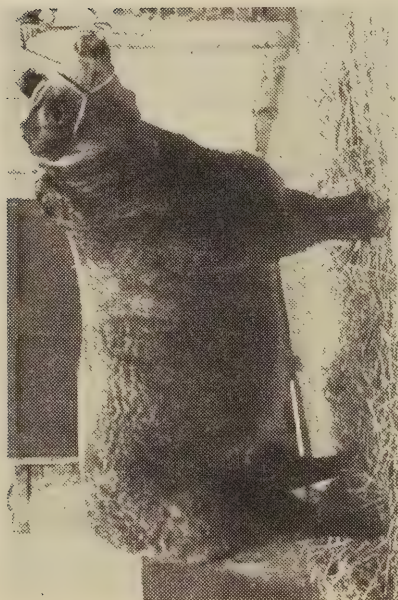


Typical of the Scotch Shorthorn sire's ability to produce top class commercial stock. Above: Shorthorn cross cow, an Orkney-bred over-all champion. Below, top : Shorthorn x Angus prize-winning heifer, and bottom : Shorthorn x Highland cows with calves by a Shorthorn bull.





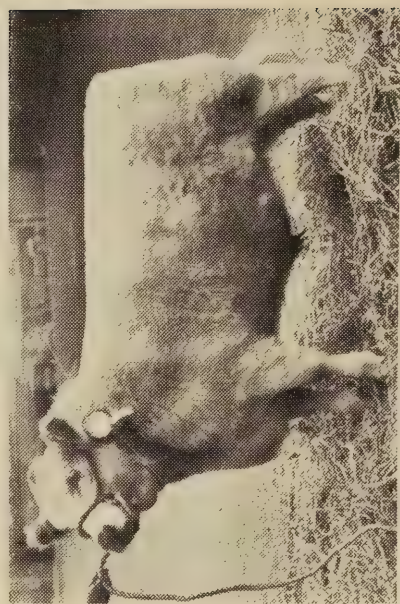
Top left: A Shorthorn
 × Angus prize-winner
 at the Scottish National;
 right: Shorthorn ×
 Highland calf that later
 weighed $7\frac{1}{2}$ cwt. at 11
 months and sold for
 £125, equal to £16 16/-
 per cwt. after winning
 at same show. Bottom
 left: Shorthorn cross
 cow and calf, and right,
 a Shorthorn × Highland
 steer bought off the hill
 for fattening off grass
 on low ground.



Top left: Shorthorn x Galloway champion over all at Birmingham.



Bottom left: A red A.A. x Shorthorn champion steer and reserve over all at Scottish National.



Top right: Pure-bred Shorthorn breed champion and reserve steer over all at Smithfield. This animal showed the greatest daily gain over all and a year previously had been Baby Beef champion over all.

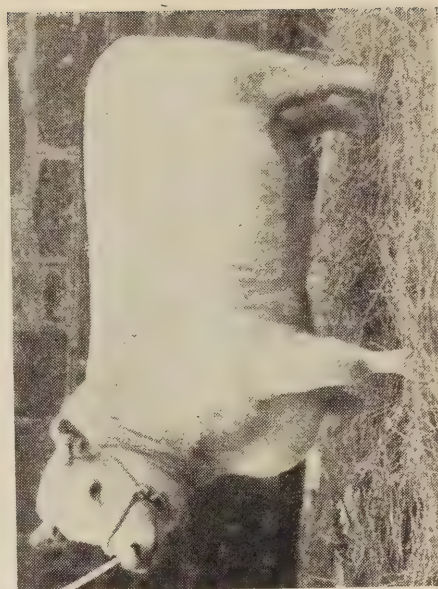
Bottom right: A $\frac{3}{4}$ -Shorthorn reserve Baby Beef champion at Smithfield.



PURE-BRED BEEF

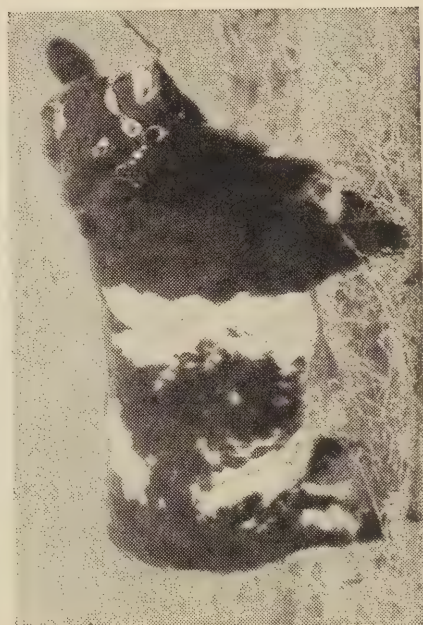
Top left: Champion over all at Toronto Royal.

Bottom left: Baby Beef reserve at Smithfield.



Right top: Breed champion and best senior steer over all breeds at Smithfield.

Bottom right: Baby Beef champion over all at Smithfield.





Above : Prize-winning pen of Shorthorn x Angus steers. Below : Well-finished Shorthorn x Highland steers used at a Beef Demonstration.



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SENIOR STOCK BULL

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(by Kirkton Heir) is a half brother of the 1955 Junior and Reserve Supreme Champion Baldowrie Aladdin

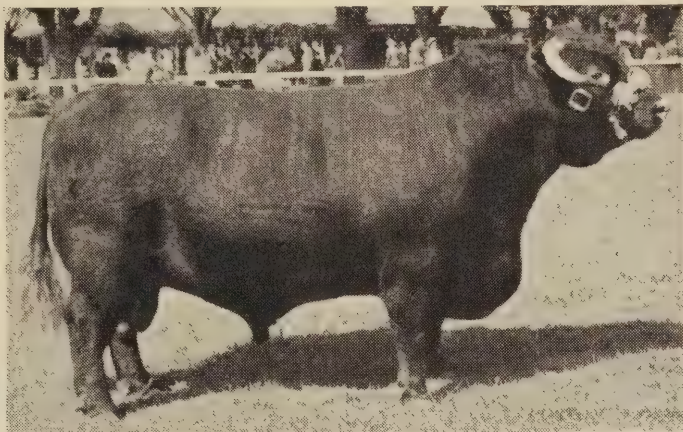
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Son. Sire: Calrossie Cupbearer. Dam: Calrossie Rosewood Cissie. Was used in the
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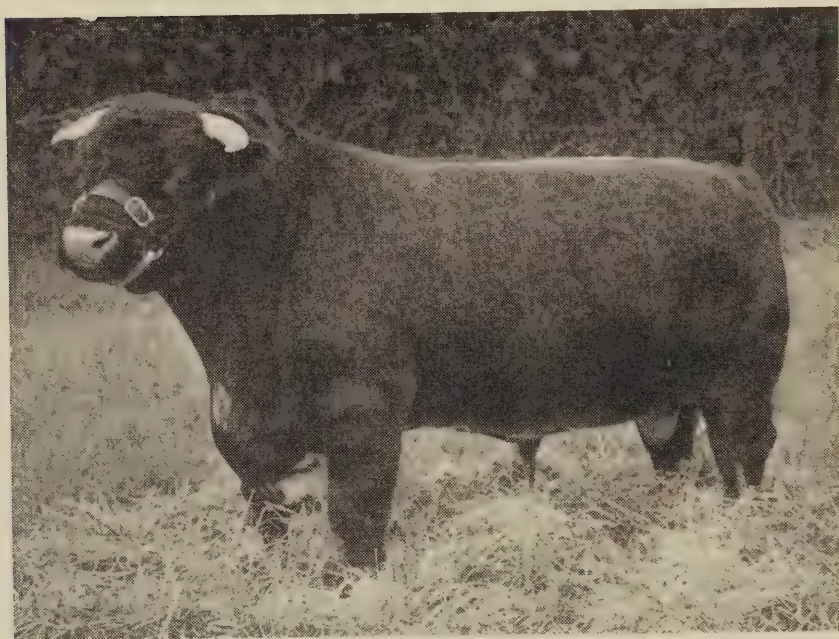
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Inspection invited by appointment with the Resident Manager, Gerald M. Rankin.



CALROSSIE EVENING NEWS

Calrossie Evening News was sold for 4,800 gns. at Perth Sales 1951. His Sire, Calrossie Good News, cost 6,000 gns. and is a son of the famous Kirkton Baronet. The dam of Evening News, Calrossie Flossy Lucinda, was sold at the Calrossie Draft Sale to the late A. J. Marshall of Craggleton for 750 gns. She is by Craggleton Pacha, a 2,000 gns. son of Craggleton Willingdon from a Craggleton Perfect dam.

Calrossie Evening News was purchased privately from Capt. de Quincey especially to mate with the daughters of Erimus Emeritus.

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Kirkton Envoy (s. Kirkton Baronet) Senior Stock Bull

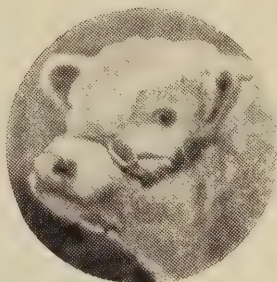
DUPLIN

Scotch

Shorthorns



Coldoch Marksman
(s. Coldoch Baronet) Junior
Stock Bull



Dupplin Conquest (s. Kirkton Envoy) sold at Perth for 1,000 gns. to Commander R. L. Tuffnell

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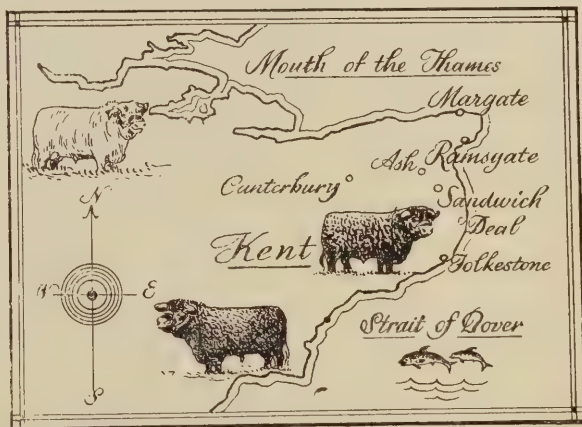
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(260184)



Stock Bull: CRICHTON
BENEFACITOR (383820).
Red. By Kirkton Baronet
(335904). Dam: Crichton
Diana Broadhooks (267007)





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23 heifer calves are now at foot by Burnton Bankbook.

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Supreme Champion—Royal Show, Blackpool, 1953
Supreme Champion—Great Yorkshire Show, 1953
Supreme Champion—Royal Northern Show, Aberdeen, 1953
Supreme Champion—Royal Show, Windsor, 1954
Member of Team winning “Burke Trophy”—Windsor, 1954

*Several Bull Calves by Erimus Ghost
for sale*

●
Inspection Invited
●

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STOCK { **Kirkton Horace (381693)**
BULLS { **Bapton White Wonder (396523)**

The Herd has been rebuilt in recent years by the purchase of carefully selected females of the Augusta and Rosewood families mainly

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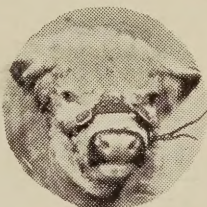
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KIRKTON HERCULES

White, Born 22nd February, 1950. Sire, Kirkton Baronet. Dam, Rothes Carlotta by Naemoor Marshal. Won 1st prize at Perth in 1951. Purchased for 5,000 gns. Top breeding sire of Britain in 1953. His females, all retained in the Herd, are very good.



**CALROSSIE
CONSTELLATION**

Red, Born 1st March, 1953. Sire, Calrossie Welcome. Dam, Calrossie Flossy Beau by Kirkton Baronet. A Prize-winner at Perth, 1954. Purchased for 5,600 gns. to mate on Kirkton Hercules daughters and the Kirkton Baronet females in the Herd. His first calves show great promise.

The record price bull in Great Britain, Pittodrie Upright, was sired by Bapton Upright. The record price for an imported bull in Argentina is held by Bapton Enterprise, sold in Buenos Aires in 1953 for almost

£12,000.

BAPTON LAMENT

Red. Born 3rd January, 1952. Sire, Kirkton Baronet. Dam, Broadhooks Amelia by Calrossie Cavalier. Full brother to Kirkton Drum Major, Senor Santamarina's outstanding Stock bull in Argentine.

**BAPTON LOWLAND
LEADER**

Red, Born 22nd May, 1953. Sire, Calrossie Unique. Dam, Fair Clipper 45th by Calrossie Highland Leader. Calrossie Unique by Calrossie Welcome. Fair Clipper 45th is one of the best females in the Herd.



Full Particulars from the Resident Manager
W. GORDON BLACKSTOCK